

```

Real Instantaneous Utility=
    "Utility ( u )" * Exponential Discounting t
    ~      Util / Year
    ~      |

Chge in Cummulative Consumption=
    "Consumption ( C )" / Time to Chge Cumulative Consumption
    ~      Dollar/Year/Year
    ~      |

Chge in Cummulative Income=
    "Labor Income ( Y )" / Time to Chge Cummulative Income
    ~      Dollar/(Year*Year)
    ~      |

Chge in Cumulative Saving=
    Saving / Time to Total Saving
    ~      Dollar/(Year*Year)
    ~      |

Saving=
    "Labor Income ( Y )" - "Consumption ( C )"
    ~      Dollar/Year
    ~      |

Time to Chge Cummulative Income=
    1
    ~      Year
    ~      |

"Consumption ( C )" =
    IF THEN ELSE(Time = INTEGER(Time), "Current Consumption ( C )" + (Last Consumption * \
        TIME STEP)/Time to Chge Last Consumption
    , "Current Consumption ( C )"
    )
    ~      Dollar/Year
    ~      |

Cummulative Income= INTEG (
    Chge in Cummulative Income,
    Initial Cummulative Income)
    ~      Dollar/Year
    ~      ~      :SUPPLEMENTARY
    |

Cumulative Consumption= INTEG (
    Chge in Cummulative Consumption,
    Initial Cumulative Consumption)
    ~      Dollar/Year
    ~      |

Cumulative Consumption plus Saving=
    Cumulative Saving + Cumulative Consumption
    ~      Dollar/Year
    ~      ~      :SUPPLEMENTARY
    |

Cumulative Saving= INTEG (
    Chge in Cumulative Saving,
    Initial Total Saving)
    ~      Dollar/Year
    ~      |

Initial Total Saving=
    0
    ~      Dollar/Year

```

```

~          |
"Current Consumption ( C )"=
  "Marginal Propensity to Consume out of Labor Income = alpha" * "Labor Income ( Y )" \
    + "Marginal Propensity to Consume out of Wealth = beta"
  * "Wealth ( W )"
~      Dollar/Year
~          |

Initial Cumulative Consumption=
  0
~      Dollar/Year
~          |

Time to Total Saving=
  1
~      Year
~          |

Initial Cummulative Income=
  0
~      Dollar/Year
~          |

Time to Chge Cumulative Consumption=
  1
~      Year
~          |

Time to Chge Last Consumption=
  1
~      Year
~          |

Current Consumption=
  IF THEN ELSE(Time <= FINAL TIME - 2*TIME STEP, ("Consumption ( C )" ) , 0)
~      Dollar/Year
~          |

"Labor Income ( Y )"=
  "Normal Labor Income (Y)" * (1 - Retirement Switch) * (1 + 0*STEP(0.1,30))
~      Dollar/Year
~          |

"Marginal Propensity to Consume out of Labor Income = alpha"=
  0.2
~      Dmnl
~          |

"Marginal Propensity to Consume out of Wealth = beta"=
  0.2
~      Dmnl/Year
~          |

"Wealth ( W )"= INTEG (
  "Labor Income ( Y )" - Current Consumption - Last Consumption,
  "Initial Wealth ( W )" )
~      Dollar
~          |

Lifetime Utility=
  IF THEN ELSE(Time >= FINAL TIME, "Real Lifetime Utility ( U )", 0)
~      Util
~          ~      :SUPPLEMENTARY
~          |

```

```

"Real Lifetime Utility ( U )"= INTEG (
    Real Instantaneous Utility,
    "Initial Real Lifetime Utility (U)"
    ~      Util
    ~      |

"Utility ( u )"=
    IF THEN ELSE ("Coefficient of Relative Risk Aversion ( ρ )" = 1, IF THEN
ELSE("Consumption ( C )"
    = 0, 0, ln (
    "Consumption ( C )" / Normal Consumption)
    ) * Util per Year
    , ((( "Consumption ( C )"
    / Normal Consumption) ^ (1 - "Coefficient of Relative Risk Aversion ( ρ )" )) / (1\
    - "Coefficient of Relative Risk Aversion ( ρ )"
    )) * Util per Year )
    ~      Util / Year
    ~      |

Chge in Exponential Discounting t 1=
    -IF THEN ELSE(Time = INTEGER (Time), ( Exponential Discounting t - Exponential
Discounting t 1\
    ) / TIME STEP, 0)
    ~      Dmnl/Year
    ~      |

"Coefficient of Relative Risk Aversion ( ρ )"=
    0.67
    ~      Dmnl
    ~      |

"delta ( δ )"=
    0.99
    ~      Dmnl
    ~      |

"Exponential Discounting t - 1"=
    IF THEN ELSE(Time = INTEGER(Time), Exponential Discounting t 1, Lagged Exponential
Discounting t 1\
    )
    ~      Dmnl
    ~      |

Exponential Discounting t=
    "delta ( δ )" * "Exponential Discounting t - 1"
    ~      Dmnl
    ~      |

Exponential Discounting t 1= INTEG (
    -Chge in Exponential Discounting t 1,
    Initial Exponential Discounting t 1)
    ~      Dmnl
    ~      |

Initial Exponential Discounting t 1=
    1
    ~      Dmnl
    ~      |

"Initial Real Lifetime Utility (U)"=
    1
    ~      Util
    ~      |

"Initial Wealth ( W )"=
    1000

```

```

~      Dollar
~      |

Lagged Exponential Discounting t 1=
  DELAY FIXED( Exponential Discounting t 1, 1 , Exponential Discounting t 1 )
~      Dmnl
~      |

Last Consumption=
  IF THEN ELSE(Time = FINAL TIME - TIME STEP, "Wealth ( W )" / TIME STEP, 0)
~      Dollar/Year
~      |

Normal Consumption=
  1
~      Dollar/Year
~      |

"Normal Labor Income (Y)"=
  1000
~      Dollar/Year
~      |

Retirement Switch=
  STEP (1, Retirement Time + TIME STEP)
~      Dmnl
~      |

Retirement Time=
  58
~      Year
~      |

Util per Year=
  1
~      Util/Year
~      |

*****
~      .Control
*****~
~      Simulation Control Parameters
~      |

FINAL TIME = 78
~      Year
~      The final time for the simulation.
~      |

INITIAL TIME = 18
~      Year
~      The initial time for the simulation.
~      |

SAVEPER =
  TIME STEP
~      Year [0,?]
~      The frequency with which output is stored.
~      |

TIME STEP = 0.0625
~      Year [0,?]
~      The time step for the simulation.
~      |

\\---// Sketch information - do not modify anything except names

```

V300 Do not put anything below this section - it will be ignored

*View 1

\$192-192-192,0,Open Sans|10||0-0-0|0-0-0|0-0-255|-1--1--1|255-255-255|96,96,80,0
10,1,"Wealth (W)",817,238,41,26,3,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12,2,48,594,243,10,8,0,3,0,40,-1,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
1,3,5,1,4,0,0,22,0,0,0,-1--1--1,,1|(731,243)|
1,4,5,2,100,0,0,22,0,0,0,-1--1--1,,1|(639,243)|
11,5,48,681,243,6,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0
10,6,"Labor Income (Y)",681,261,56,10,40,3,0,40,-1,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
12,7,48,1030,249,10,8,0,3,0,40,-1,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
1,8,10,7,4,0,0,22,0,0,0,-1--1--1,,1|(977,244)|
1,9,10,1,100,0,0,22,0,0,0,-1--1--1,,1|(890,244)|
11,10,48,928,244,6,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0
10,11,Current Consumption,928,270,52,18,40,3,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0
10,12,"Initial Wealth (W)",806,184,40,19,8,131,0,8,0,0,0,0,0-0-0,0-0-0,|9||0-0-0,0,0,0,0,0,0
1,13,12,1,0,1,0,0,0,128,1,-1--1--1,,1|(808,200)|
10,14,Normal Consumption,1295,451,44,18,8,3,0,40,-1,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
10,15,Util per Year,1059,559,38,10,8,3,0,40,-1,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
10,16,Retirement Time,700,406,52,10,8,131,0,40,0,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
10,17,"Normal Labor Income (Y)",605,331,44,18,8,3,0,40,0,0,0,0,0-0-0,0-0-0,Open Sans|10||0-0-0,0,0,0,0,0,0
1,18,17,6,1,0,0,0,0,64,0,-1--1--1,,1|(615,293)|
10,19,TIME STEP,1651,259,40,10,8,2,1,43,-1,0,0,0,128-128-128,0-0-0,Open Sans|10||128-128-128,0,0,0,0,0,0
10,20,TIME STEP,884,-155,40,10,8,2,1,43,-1,0,0,0,128-128-128,0-0-0,Open Sans|10||128-128-128,0,0,0,0,0,0
10,21,"Current Consumption (C)",1120,140,57,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
10,22,"Consumption (C)",1040,382,56,10,8,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
10,23,TIME STEP,989,550,40,10,8,2,1,43,-1,0,0,0,128-128-128,0-0-0,Open Sans|10||128-128-128,0,0,0,0,0,0
1,24,22,11,1,0,0,0,0,128,0,-1--1--1,,1|(955,329)|
10,25,Retirement Switch,716,336,57,10,8,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,26,16,25,1,0,0,0,0,64,0,-1--1--1,,1|(714,383)|
1,27,25,6,1,0,0,0,0,128,0,-1--1--1,,1|(709,295)|
10,28,Time,1061,313,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|12||128-128-128,0,0,0,0,0,0
10,29,TIME STEP,738,78,40,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|12||128-128-128,0,0,0,0,0,0
1,30,28,11,1,1,0,0,0,128,0,-1--1--1,,1|(1000,313)|
12,31,48,813,398,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0,0
1,32,34,31,4,0,0,0,22,0,0,0,-1--1--1,,1|(815,359)|
1,33,34,1,100,0,0,22,0,0,0,-1--1--1,,1|(815,290)|
11,34,48,815,323,8,6,33,3,0,0,4,0,0,0,0,0,0,0,0,0,0,0,0
10,35,Last Consumption,875,323,44,18,40,131,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0
1,36,1,34,1,0,0,0,0,128,0,-1--1--1,,1|(766,285)|
10,37,"delta (δ)",695,920,30,10,8,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
10,38,Time,847,-8,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
1,39,28,22,1,1,0,0,0,128,0,-1--1--1,,1|(1046,342)|
10,40,"Coefficient of Relative Risk Aversion (ρ)",1029,481,68,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
10,41,FINAL TIME,1010,158,44,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
10,42,FINAL TIME,920,417,44,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
1,43,42,35,0,1,0,0,0,64,0,-1--1--1,,1|(902,380)|
10,44,Time,934,368,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
1,45,44,35,0,1,0,0,0,64,0,-1--1--1,,1|(915,353)|
10,46,TIME STEP,817,426,40,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
1,47,46,35,0,1,0,0,0,64,0,-1--1--1,,1|(839,384)|
1,48,46,25,1,1,0,0,0,128,0,-1--1--1,,1|(778,384)|
10,49,"Initial Real Lifetime Utility (U)",1391,572,55,17,8,3,0,8,0,0,0,0,0-0-0,0-0-0,|9||0-0-0,0,0,0,0,0,0
10,50,Exponential Discounting t 1,757,665,50,28,3,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12,51,48,511,662,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0
1,52,54,50,36,0,0,22,2,0,0,-1--1--1,|10||0-0-0,1|(662,663)|
1,53,54,51,68,0,0,0,22,2,0,0,-1--1--1,|10||0-0-0,1|(563,663)|
11,54,48,611,663,6,8,34,3,0,0,3,0,0,0,0,0,0,0,0,0,0,0,0
10,55,Chge in Exponential Discounting t 1,611,637,62,18,40,3,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0,0

10,56,Lagged Exponential Discounting t 1,810,767,62,18,8,3,0,0,0,0,0,0,0,0,0,0,0
10,57,"Exponential Discounting t - 1",1020,688,51,18,8,3,0,0,0,0,0,0,0,0,0,0,0
10,58,Exponential Discounting t,774,847,42,18,8,3,0,0,0,0,0,0,0,0,0,0,0
1,59,50,54,1,0,0,0,0,128,0,-1--1--1,,1|(669,709)|
1,60,50,56,1,0,0,0,0,128,0,-1--1--1,,1|(762,719)|
1,61,56,57,1,0,0,0,0,128,0,-1--1--1,,1|(925,752)|
1,62,50,57,1,0,0,0,0,128,0,-1--1--1,,1|(889,634)|
1,63,57,58,1,0,0,0,0,128,0,-1--1--1,,1|(915,803)|
1,64,58,54,1,0,0,0,0,128,0,-1--1--1,,1|(659,792)|
10,65,Initial Exponential Discounting t 1,757,579,57,18,8,3,0,0,0,0,0,0,0,0,0,0,0
1,66,65,50,0,1,0,0,0,128,1,-1--1--1,,1|(757,610)|
10,67,Time,935,980,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
10,68,Time,1437,729,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,69,68,55,1,1,0,0,0,64,0,-1--1--1,,1|(981,718)|
1,70,67,57,1,1,0,0,0,128,0,-1--1--1,,1|(945,979)|
10,71,TIME STEP,1337,707,40,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,72,71,55,1,1,0,0,0,64,0,-1--1--1,,1|(956,746)|
1,73,37,58,1,0,0,0,0,128,0,-1--1--1,,1|(711,888)|
10,74,"Utility (u)",1222,522,58,10,8,3,0,0,0,0,0,0,0,0,0,0,0,0
1,75,14,74,1,0,0,0,0,128,0,-1--1--1,,1|(1267,490)|
1,76,40,74,1,0,0,0,0,128,0,-1--1--1,,1|(1128,494)|
1,77,15,74,1,0,0,0,0,128,0,-1--1--1,,1|(1138,555)|
1,78,22,74,1,0,0,0,0,64,0,-1--1--1,,1|(1159,441)|
10,79,"Real Lifetime Utility (U)",1385,626,45,24,3,131,0,0,0,0,0,0,0,0,0,0,0,0
12,80,48,1141,633,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0,0
1,81,83,79,4,0,0,0,22,0,0,0,-1--1--1,,1|(1296,629)|
1,82,83,80,100,0,0,22,0,0,0,-1--1--1,,1|(1196,629)|
11,83,48,1247,629,5,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0
10,84,Real Instantaneous Utility,1247,664,46,27,40,131,0,0,-1,0,0,0,0,0,0,0,0,0
1,85,74,83,1,0,0,0,0,128,0,-1--1--1,,1|(1235,549)|
1,86,49,79,0,1,0,0,0,64,1,-1--1--1,,1|(1390,588)|
10,87,Lifetime Utility,1557,575,53,18,8,3,1,0,0,0,0,0,0,0,0,0,0,0
10,88,FINAL TIME,1198,523,44,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,89,88,87,0,1,0,0,0,64,0,-1--1--1,,1|(1366,546)|
1,90,79,87,0,1,0,0,0,64,0,-1--1--1,,1|(1460,603)|
10,91,Time,1305,534,24,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,92,91,87,0,1,0,0,0,64,0,-1--1--1,,1|(1409,550)|
10,93,"Marginal Propensity to Consume out of Labor Income =
alpha",1308,78,72,27,8,131,0,0,0,0,0,0,0,0,0,0,0,0
10,94,"Marginal Propensity to Consume out of Wealth =
beta",1299,223,80,27,8,131,0,0,0,0,0,0,0,0,0,0,0,0
1,95,93,21,1,0,0,0,0,128,0,-1--1--1,,1|(1189,95)|
1,96,94,21,1,0,0,0,0,128,0,-1--1--1,,1|(1217,161)|
1,97,1,21,1,0,0,0,0,128,0,-1--1--1,,1|(926,142)|
1,98,35,22,1,0,0,0,0,128,0,-1--1--1,,1|(905,361)|
10,99,TIME STEP,1069,301,40,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,100,99,11,1,1,0,0,0,64,0,-1--1--1,,1|(1012,276)|
1,101,21,22,1,0,0,0,0,128,0,-1--1--1,,1|(1151,274)|
1,102,99,22,1,1,0,0,0,128,0,-1--1--1,,1|(1065,333)|
1,103,6,21,1,0,0,0,0,128,0,-1--1--1,,1|(804,126)|
10,104,FINAL TIME,938,201,44,10,8,2,1,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0,0
1,105,104,11,0,1,0,0,0,64,0,-1--1--1,,1|(934,224)|
10,106,Cumulative Income,1891,297,45,24,3,131,0,0,0,0,0,0,0,0,0,0,0,0
12,107,48,1643,297,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0
1,108,110,106,4,0,0,22,0,0,0,-1--1--1,,1|(1800,297)|
1,109,110,107,100,0,0,22,0,0,0,-1--1--1,,1|(1698,297)|
11,110,48,1749,297,6,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0
10,111,Chge in Cumulative Income,1749,323,67,18,40,3,0,0,-1,0,0,0,0,0,0,0,0,0
10,112,Cumulative Consumption,1913,658,44,23,3,131,0,0,0,0,0,0,0,0,0,0,0,0
12,113,48,1655,664,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0
1,114,116,112,4,0,0,22,0,0,0,-1--1--1,,1|(1821,664)|
1,115,116,113,100,0,0,22,0,0,0,-1--1--1,,1|(1713,664)|
11,116,48,1767,664,6,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0
10,117,Chge in Cumulative Consumption,1767,690,67,18,40,3,0,0,-1,0,0,0,0,0,0,0,0,0
10,118,Initial Cumulative Income,1880,207,61,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0
10,119,Initial Cumulative Consumption,1906,587,55,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0

1,120,118,106,0,0,0,0,0,128,1,-1--1--1,,1|(1884,242)|
1,121,119,112,0,0,0,0,0,128,1,-1--1--1,,1|(1907,613)|
10,122,"Labor Income (Y)",1616,372,65,14,8,130,0,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
10,123,"Consumption (C)",1629,581,64,15,8,130,0,3,-1,0,0,0,128-128-128,0-0-0,|10||128-128-128,0,0,0,0,0,0
1,124,122,111,1,0,0,0,0,128,0,-1--1--1,,1|(1655,338)|
10,125,Saving,1535,465,22,10,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,126,122,125,1,0,0,0,0,128,0,-1--1--1,,1|(1562,406)|
10,127,Cumulative Saving,1904,483,40,25,3,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
12,128,48,1649,477,10,8,0,3,0,0,-1,0,0,0,0,0,0,0,0,0,0,0,0
1,129,131,127,4,0,0,22,0,0,0,-1--1--1,,1|(1816,481)|
1,130,131,128,100,0,0,22,0,0,0,-1--1--1,,1|(1707,481)|
11,131,48,1762,481,6,8,34,3,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0,0
10,132,Chge in Cumulative Saving,1762,507,58,18,40,3,-1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,133,125,131,1,0,0,0,0,128,0,-1--1--1,,1|(1651,438)|
1,134,123,125,1,0,0,0,0,128,0,-1--1--1,,1|(1572,537)|
10,135,Cumulative Consumption plus Saving,2097,547,87,26,8,131,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,136,127,135,1,0,0,0,0,128,0,-1--1--1,,1|(1979,491)|
1,137,112,135,1,0,0,0,0,128,0,-1--1--1,,1|(1998,625)|
1,138,123,117,1,0,0,0,0,128,0,-1--1--1,,1|(1674,628)|
10,139,Initial Total Saving,1911,398,56,10,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,140,139,127,0,0,0,0,0,128,1,-1--1--1,,1|(1909,426)|
10,141,Time to Chge Last Consumption,1254,356,56,18,8,3,1,0,-1,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,142,141,22,0,1,0,0,0,64,0,-1--1--1,,1|(1154,367)|
10,143,Time to Chge Cummulative Income,1753,406,68,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,144,143,111,1,0,0,0,0,128,0,-1--1--1,,1|(1737,366)|
10,145,Time to Total Saving,1750,590,42,18,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
10,146,Time to Chge Cumulative Consumption,1712,791,44,27,8,3,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0
1,147,146,117,1,0,0,0,0,128,0,-1--1--1,,1|(1723,742)|
1,148,145,132,1,0,0,0,0,128,0,-1--1--1,,1|(1743,549)|
1,149,58,84,1,0,0,0,0,128,0,-1--1--1,,1|(1003,879)|