# Requirements

ALL INPUT SHOULD BE DOUBLE

ALL INPUT SHOULD BE ABSOLUTE VALUE

No validation needed

Output everything rounded to 2 decimal points

# Pseudocode

Double gravForce = 9.8

Break down the formula into smaller pieces

double initialSpeed (work in meters / second)

double initialAngle (degrees)

double flightTime (seconds)

xCoordinate = (initialSpeed COS initialAngle) flightTime

yCoordinate = (initialSpeed SIN initialAngle) flightTime – ½ gravForce flightTime2