

Thomas Crow

11/21/2021

CS120

Assignment 13 Question 1

Output

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tbcrow@s1034076:~/Documents/ENMU/CS120/Assignments/Assignment #13
tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #13 python3.9 Thomas_Crow_Assignment13-1.py
Enter the launch angle (in degrees): 45
Enter the initial velocity (in meters/sec): 50
Enter the initial height (in meters): 20
Enter the time interval between position calculations: 1

Distance traveled: 282.8 meters.
Maximum height achieved: 83.0 meters.

tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #13 python3.9 Thomas_Crow_Assignment13-1.py
Enter the launch angle (in degrees): 60
Enter the initial velocity (in meters/sec): 75
Enter the initial height (in meters): 0
Enter the time interval between position calculations: 3

Distance traveled: 562.5 meters.
Maximum height achieved: 213.3 meters.

tbcrow@s1034076 ~/Documents/ENMU/CS120/Assignments/Assignment #13 python3.9 Thomas_Crow_Assignment13-1.py
Enter the launch angle (in degrees): 90
Enter the initial velocity (in meters/sec): 40
Enter the initial height (in meters): 10
Enter the time interval between position calculations: 2

Distance traveled: 0.0 meters.
Maximum height achieved: 91.6 meters.

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