Course: ENSF 337 – Fall 2020

Lab #: Lab 1

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Lab Section: B03

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Exercise B Sample Output:

please enter the velocity at which the projectile is launched (m/sec):

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Angle	t	d
(deg)	(sec)	(m)
0	0.000000	0.000000
5	0.355738	7.087681
10	0.708768	13.960006
15	1.056404	20.408163
20	1.396001	26.236229
25	1.724972	31.267120
30	2.040816	35.347976
35	2.341128	38.354801
40	2.623623	40.196235
45	2.886150	40.816327
50	3.126712	40.196235
55	3.343478	38.354801
60	3.534798	35.347976
65	3.699215	31.267120
70	3.835480	26.236229
75	3.942554	20.408163
80	4.019623	13.960006
85	4.066101	7.087681
90	4.081633	-0.000000

Exercise 3 AR Diagrams:

Point 1

AR mercury — Stack:
t [6]
M [2]
n [2]

AR jupiter:
d [10]
i [2]
j [10]

AR main:
x [2]
y [8]
z [10]
No args

Point 2

AR jupiter — Stack:
d [6]
i [2]
j [10]

AR main:
x [2]
y [8]
z [10]
No args

Point 3

AR main — Stack:
x [2]
y [8]
z [10]
No Args