

Offered every Spring and Fall Term!

PROGRAMMING for Engineering & Science

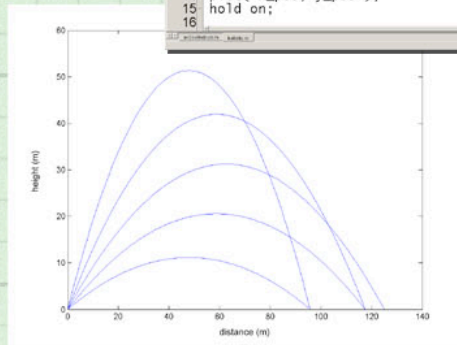
Why?!

If your major involves making calculations then you will be writing computer programs in your career.

Apply

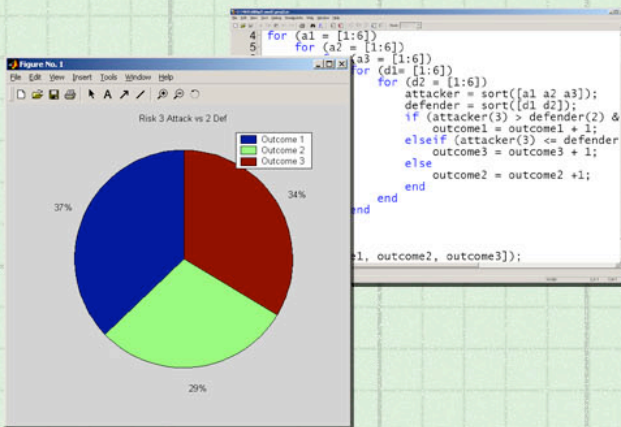
Program problems related to your major

```
1 v = input( 'Enter velocity (m/s): ' );
2 theta_deg = input( 'Enter angle in degrees: ' );
3
4 theta_rad = theta_deg * 3.14159 / 180.0;
5 g = 9.8;
6
7 time_hit = (2 * v * sin(theta_rad)) / g;
8
9 t = [ 0 : 0.01 : time_hit];
10
11 x_pos = v * t * cos( theta_rad );
12 y_pos = v * t * sin( theta_rad ) - 0.5 * g * t.^2;
13
14 plot( x_pos, y_pos );
15 hold on;
16
```



Understand

Hands-on experience
Instructor guidance



Team Up

Pair programming helps you both learn more and finish more quickly

Excel

Get ahead in your field as an experienced programmer



Sign up now!
<http://louie.nau.edu>

Abe.Pralle@nau.edu
Department of Computer Science
Northern Arizona University

