Math 79, Coding 1
Instructor: Dr. Fred Park

1. Work through the matlab handout.

2. Plot your favorite function using matlab.

3. Write a function handle f for a quadratic polynomial. Plot the polynomial.

4. What is the difference between a row vector and a column vector? Can you change one to the other and vice versa? How so?

5. Write down an example of a matrix. How is the sizing of the matrix determined? Write down a 2×3 matrix A.

6. If I want to square all the elements in the matrix A you just created above, how would I do so?

7. What's the difference between the $.*$ and $*$ operator when multiplying to vectors? Are they the same? i.e. does $x.*y = x*y$ for any two vectors? Why or why not?

8. Type "help randi" at the matlab prompt. Can you think of a way to create the coin flip probability experiment with 2 coins using this function? How's about the 4 coin flip experiment?