```
>> exercise1script

x =

     3


y =

   27.1411

>> x = [4,5,6]

x =

     4     5     6

>> exercise1script
Error using  ^
Incorrect dimensions for raising a matrix to a power. Check that the matrix is square and the power is a scalar. To operate on
each element of the matrix individually, use POWER (.^) for elementwise power.

Error in exercise1script (line 1)
y = sin(x) + x^3

>> exercise1script

y =

   63.2432  124.0411  215.7206

>> exercise1func

x =

     3     4     5     6


p =

   27.1411   63.2432  124.0411  215.7206


ans =

   27.1411   63.2432  124.0411  215.7206

>> exercise1func(3)
```

```
x =

     3     4     5     6


p =

   27.1411   63.2432  124.0411  215.7206


ans =

   27.1411   63.2432  124.0411  215.7206

>> myRand(1,10)

ans =

    9.1521

>> myRand(1,100)

ans =

   13.5717

>> myRand(100,100+1)

ans =

  100.9134

>> myRand(3,pi)

ans =

    3.0895

>> myRand(20)
Not enough input arguments.

Error in myRand (line 2)
scale = maxRand - minRand;

>> myRand(20,1)

ans =
```

```
   18.1467

>> twoTo8 = twoN(8)
newNumber = twoN(5)
squareOfTwo = twoN(2)
twoN(9)
rootOfPower = twoN(5)^(1/2)

twoTo8 =

   256


newNumber =

    32


squareOfTwo =

     4


ans =

   512


rootOfPower =

    5.6569

>> quadRoots(1,3,2)

ans =

    -1
    -2

>> quadRoots(1,6,10)

ans =

  -3.0000 + 1.0000i
  -3.0000 - 1.0000i

>> quadRoots(1,6,13)

ans =
```

```
  -3.0000 + 2.0000i
  -3.0000 - 2.0000i

>> myCubic(-5)

ans =

   -58

>> myCubic(5)

ans =

   142

>> x = [5,5]

x =

     5     5

>> x = [-5:5]

x =

    -5    -4    -3    -2    -1     0     1     2     3     4     5

>> plot(myCubic(x))
>>
```