MATH 3070 Lab Project 1

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Remember: I expect to see commentary either in the text, in the code with comments created using `#` *, or (preferably) both!* ***Failing to do so may result in lost points!***

Problem 1 (Verzani problem 1.1)

Use R as you would a calculator to find numeric answers to the following:

1. $1 + 2(3 + 4)$

```
#  The correct answer is 15.

1 + 2*(3 + 4)
```

```
## [1] 15
```

```
#using *
```

2. $4^3 + 3^{2+1}$

```
 4^3+3^(2+1)
```

```
## [1] 91
```

Problem 2 (Verzani problem 1.4)

Use R to compute the following:

$$\frac{0.25 - 0.2}{\sqrt{0.2(1-0.2)/100}}$$

```
 (0.25-0.2)/sqrt((0.2*(1-0.2))/100)
```

```
## [1] 1.25
```

```
# using squrt as ^
```

Problem 3 (Verzani problem 1.5)

Assign the numbers 2 through 5 to different variables, then use the variables to multiply all the values.

```
num_var1 <- 2
num_var2 <- 3
num_var3 <- 4
num_var4 <- 5

(num_var1)*(num_var2)*(num_var3)*(num_var4)
```

```
## [1] 120
```

```
#i assign four varibales named num_var1, num_var2 ,num_var3 ,num_var4
```