**ASSIGNMENT 3**

**K00220137**

**Mckinley Magale**

**1.)** [M(3)] 6

[3 + M(2)] 3

[2 + M(1)]

Output = 6;

**2.)** [R(4)] 24

[4 \* R(3)] 6

[3 \* R(2)] 2

[2 \* R(1)] 1

[1 \* R(0)]

Output = 24;

**3.)** [C(8)] 3

[C(4) + 1] 2

[C(2) + 1] 1

[C(1) + 1]

**4 i.) Rose :** Factorials.

**ii.) Cabin :** Fabonnaci Numbers Recursive.