**Python Assignment**

1. Write a python Program to multiply 2 matrix :

A=

1. Write a python program to perform following operation on matrix :

A=

1. Swap rows R1<-> R2
2. Multiply R1 by 5. R1 -> R1\*5
3. Subtract row R3 from R1. R1->R1-R3
4. Write a python program to get Target matrix using matrix A by performing matrix row operation:

A= Target =

Where x could be any number.

1. Write a python program to calculate value of series till 11th term in series

1. Write a python program to print a graph for a following equation

Y=sin3x + cos(x\*x) + 5

Use a link to validate your output <https://www.desmos.com/calculator/nlfjfdf3kp>