

ASSIGNMENT

1. WRITE A PYTHON PROGRAM TO ADD TWO MATRICES USING NESTED FOR LOOP

```
X=[[1,2,3], [4,5,6], [2,4,6]]
```

```
Y=[[1,4,5], [3,6,9], [2,3,5]]
```

2.WRITE A PYTHON PROGRAM TO TRANSPOSE TWO MATRICES USING NESTED FOR LOOP

```
X=[[1,4,7], [2,3,5], [2,4,6]]
```

```
Y=[[1,4,5], [3,6,9], [2,3,5]]
```

3. WRITE A PYTHON PROGRAM TO MULTIPLY TWO MATRICES USING NESTED FOR LOOP

```
X=[[1,2,3], [4,5,6], [2,4,6]]
```

```
Y=[[1,4,5,2], [3,6,9,5], [2,3,5,1]]
```

4.Python program to convert the temperature in degree centigrade to Fahrenheit

5.Python program to find the sum of the digits of an integer using a while loop

6. Make a two-player Rock-Paper-Scissors game. (Hint: Ask for player plays (using input), compare them, print out a message of congratulations to the winner, and ask if the players want to start a new game)