**ASSIGNMENT 3**

1. Write a program that takes two integers and an operator (+, -, \*, /,%) as input and performs the operation using a switch statement.
2. Write a program that take a character input and check whether it’s a vowel or a consonant using a switch.
3. Create a program that displays a menu for:
   1. Check Prime
   2. Check Even/Odd
   3. Find Factorial
   4. Exit
4. Write a program that takes n integers in an array. Print the sum and average.
5. Write a program to find the maximum and minimum elements in an integer array.
6. Reverse a 1D array without using any extra array.
7. Count the frequency of each number in an array of size n, assuming values range from 0 to 9.
8. Write a program to remove duplicate elements from an integer array.
9. Write a program to multiply two matrices:

First: m x n

Second: n x p

1. Write a program that takes two 3x3 matrices as input and print their sum.