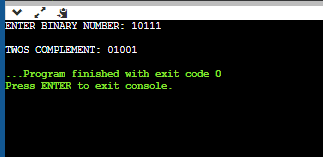
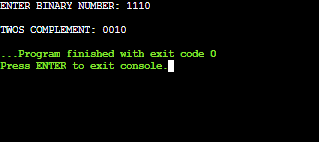
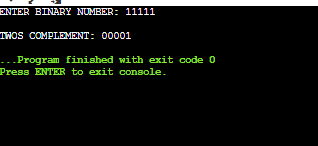
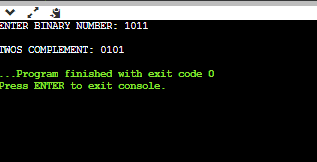
Theory of Computation – Practicals i/o

-Vedant jain 0827CO191062

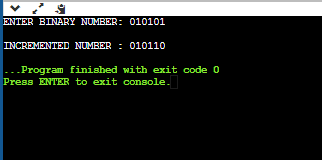
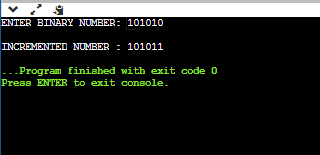
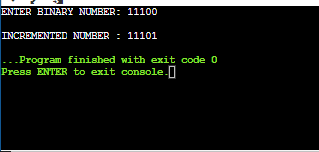
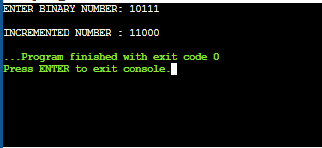
EXPERIMENT-1

AIM :- **Design a Program to find 2’s complement of a given binary number.**



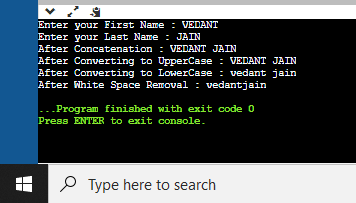
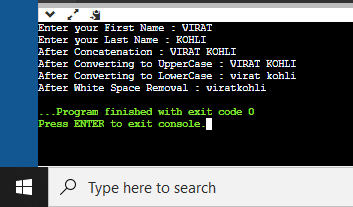
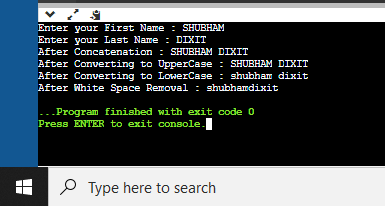
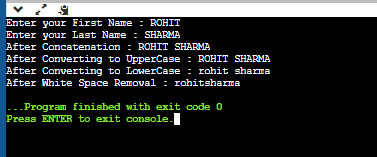
EXPERIMENT-2

AIM:- **Design a Program which will increment the given binary number by 1.**



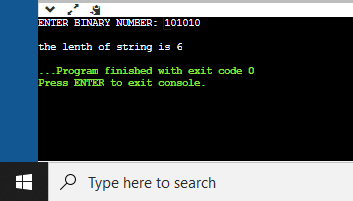
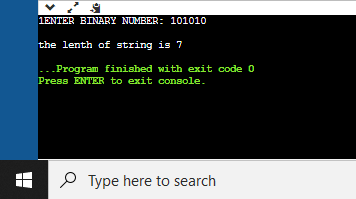
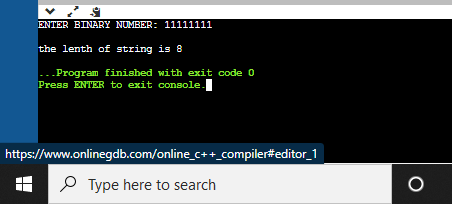
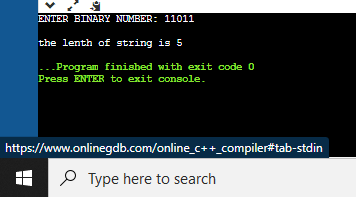
EXPERIMENT-3

AIM:- **Design a program to perform string operations.**



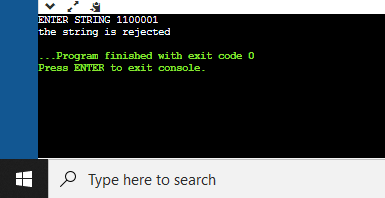
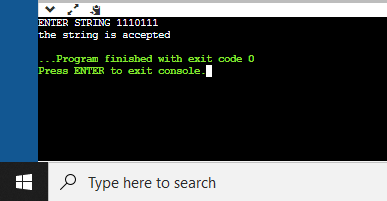
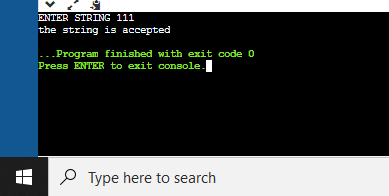
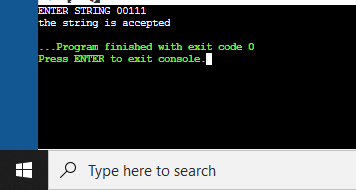
EXPERIMENT-4

AIM:- **Design a program to take strings from user and compute its length**



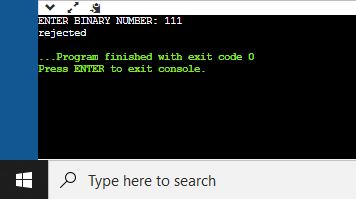
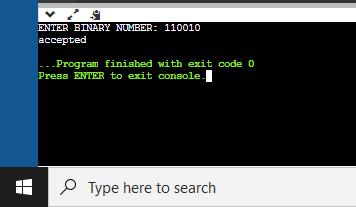
EXPERIMENT-5

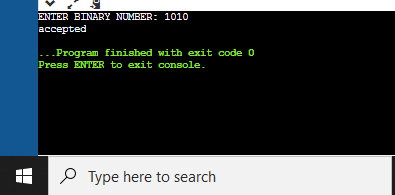
AIM:-**Design a Program for creating machine that accept three consecutive one.**

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EXPERIMENT-6

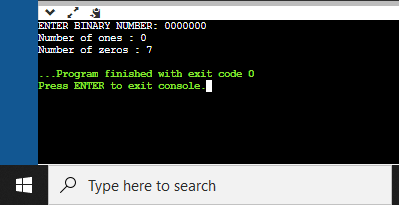
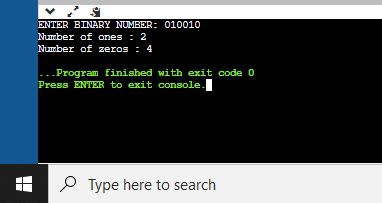
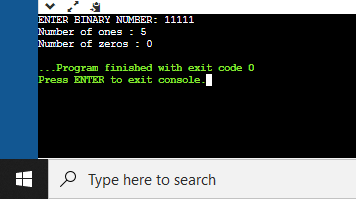
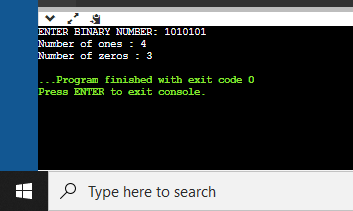
AIM:- **Design a program for creating a machine which accepts string having equal no. of 1’s and 0’s.**





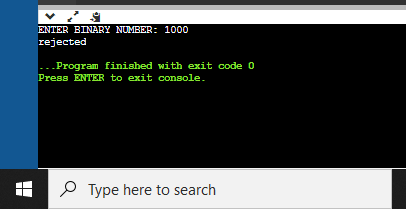
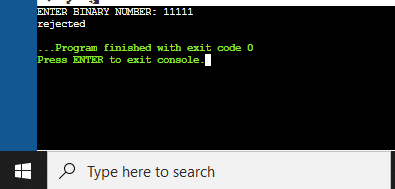
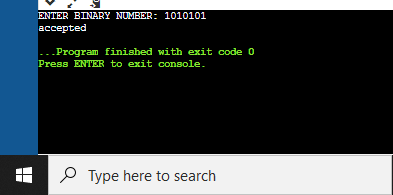
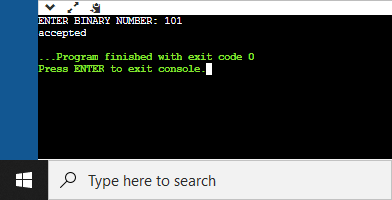
EXPERIMENT-7

AIM:- **Design a program for creating a machine which count number of 1’s and 0’s in a given string.**



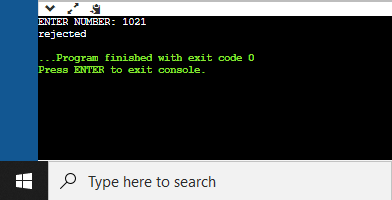
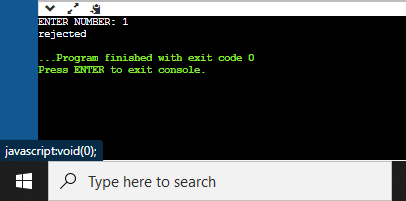
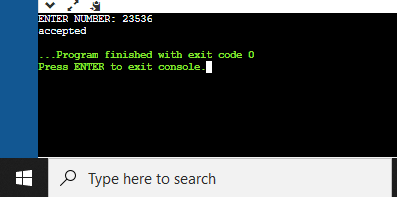
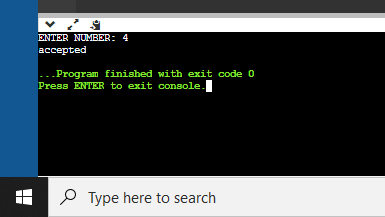
EXPERIMENT-8

AIM: **Design a Program for creating a machine that accepts the string always ending with 101.**



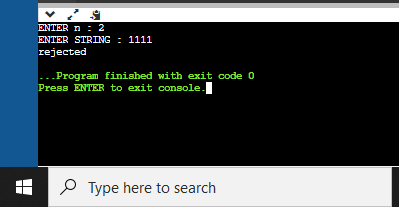
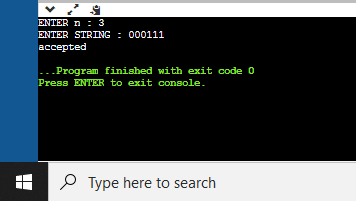
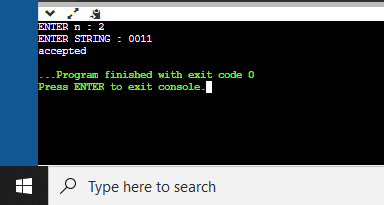
EXPERIMENT-9

AIM:- **Design a program for accepting decimal number divisible by 2.**



EXPERIMENT-10

AIM:- **Design a Program to PDA accepting string 0^n1^n n>=1**



EXPERIMENT-11

AIM- **Design a Program to PDA accepting string 1^n2^n3^n n>=1.**

