# EXPERIMENT NO.2

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# DIV:-TE-A

**SUB:- NETWORK SECURITY CODE:-**

#include <stdio.h> int main()

{

int i, x;

char str[100];

printf("\nPlease enter a string:\t"); gets(str);

printf("\nPlease choose following options:\n"); printf("1 = Encrypt the string.\n");

printf("2 = Decrypt the string.\n"); scanf("%d", &x);

//using switch case statements switch(x)

{

case 1:

for(i = 0; (i < 100 && str[i] != '\0'); i++)

str[i] = str[i] + 3; //the key for encryption is 3 that is added to ASCII value printf("\nEncrypted string: %s\n", str);

break; case 2:

for(i = 0; (i < 100 && str[i] != '\0'); i++)

str[i] = str[i] - 3; //the key for encryption is 3 that is subtracted to ASCII value printf("\nDecrypted string: %s\n", str);

break;

default:

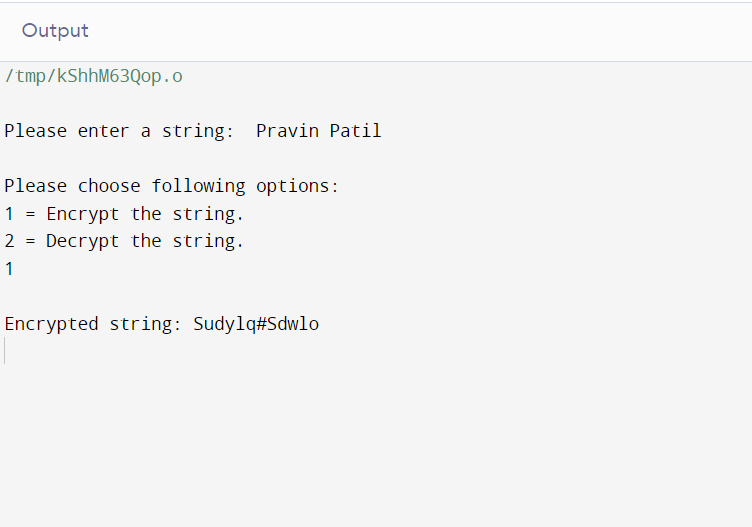
printf("\nError\n");

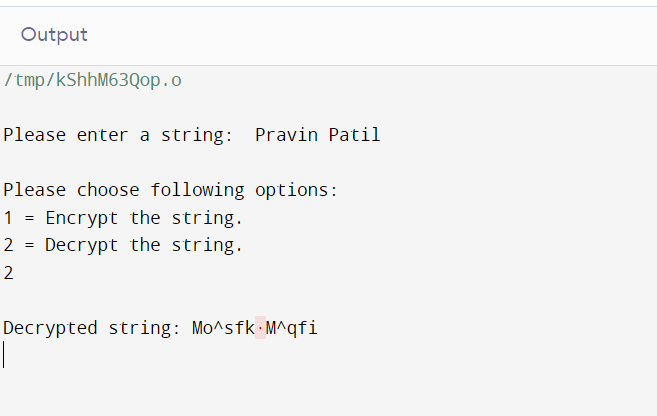
}

return 0;

}

# OUTPUT:-

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