**16.Write a C program to display the given message ‘n’ times. (make a use of setjmp and longjmp system call)**

#include <stdio.h>

#include <setjmp.h>

jmp\_buf buf;

main() {

int x = 1,n;

char message[50];

printf("Enter the message");

gets(message);

printf("Enter the number of times to display message ");

scanf("%d",&n);

setjmp(buf); //set the jump position using buf

printf("%s\n",message);

x++;

if (x <= n)

longjmp(buf, 1); // Jump to the point located by setjmp

}