

## **ASSIGNMENT NO: 05**

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**ROLL NO:** CT-064

**SECTION:** B

**COURSE:** CODE IN PLACE

# T A S K S :

## QUESTION NO: 01

Write a program using for loop that prints the multiplication table of a number entered by the user.

### SOURCE CODE:

```
#include<stdio.h>
#include<conio.h>
void main(void)
{
    int num,i;
    printf("Enter a number for table of your desire: ");
    scanf("%d",&num);
    for(i=1;i<=num;i++)
    {
        printf("\n\n%d\tX\t%d\t=\t%d\n",num,i,num*i);
    }
    getch();
}
```

## OUTPUT:

```
C:\Users\AA\Downloads\cip1.exe
Enter a number for table of your desire: 12

12      X      1      =      12
12      X      2      =      24
12      X      3      =      36
12      X      4      =      48
12      X      5      =      60
12      X      6      =      72
12      X      7      =      84
12      X      8      =      96
12      X      9      =     108
12      X     10      =     120
```

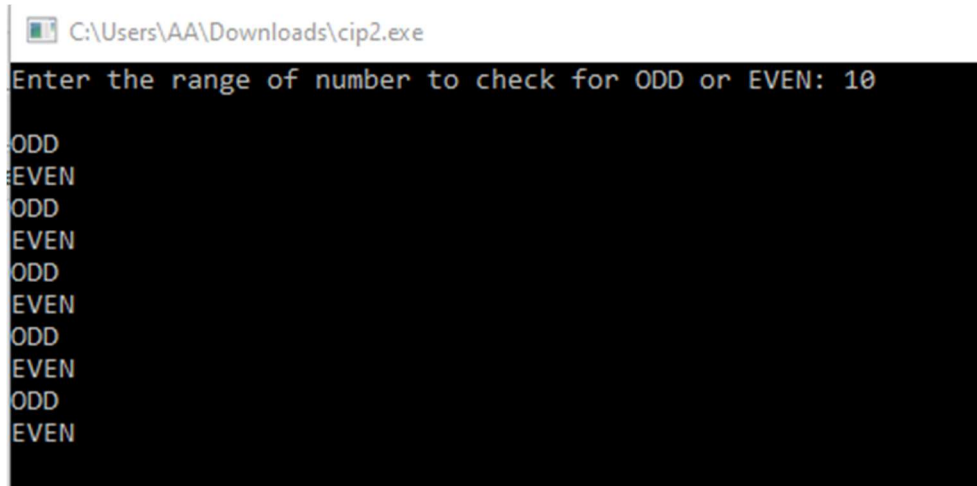
## QUESTION NO: 02

Write a program using for loop that prints the number from 1 to N ( entered by the user ) for each use if-else to check and print whether it is EVEN or ODD.

### SOURCE CODE:

```
#include<stdio.h>
#include<conio.h>
void main(void)
{
    int num,i;
    printf("Enter the range of number to check for ODD or EVEN: ");
    scanf("%d",&num);
    for(i=1;i<=num;i++)
    {
        if(i%2==0)
        {
            printf("\nEVEN");
        }
        else
        {
            printf("\nODD");
        }
    }
    getch();
}
```

## OUTPUT



```
C:\Users\AA\Downloads\cip2.exe
Enter the range of number to check for ODD or EVEN: 10
ODD
EVEN
ODD
EVEN
ODD
EVEN
ODD
EVEN
ODD
EVEN
```

The screenshot shows a Windows command prompt window with the title bar "C:\Users\AA\Downloads\cip2.exe". The prompt displays the instruction "Enter the range of number to check for ODD or EVEN: 10". Below this, there is a list of ten results: ODD, EVEN, ODD, EVEN, ODD, EVEN, ODD, EVEN, ODD, and EVEN, which are the outputs of the program for the range 1 to 10.