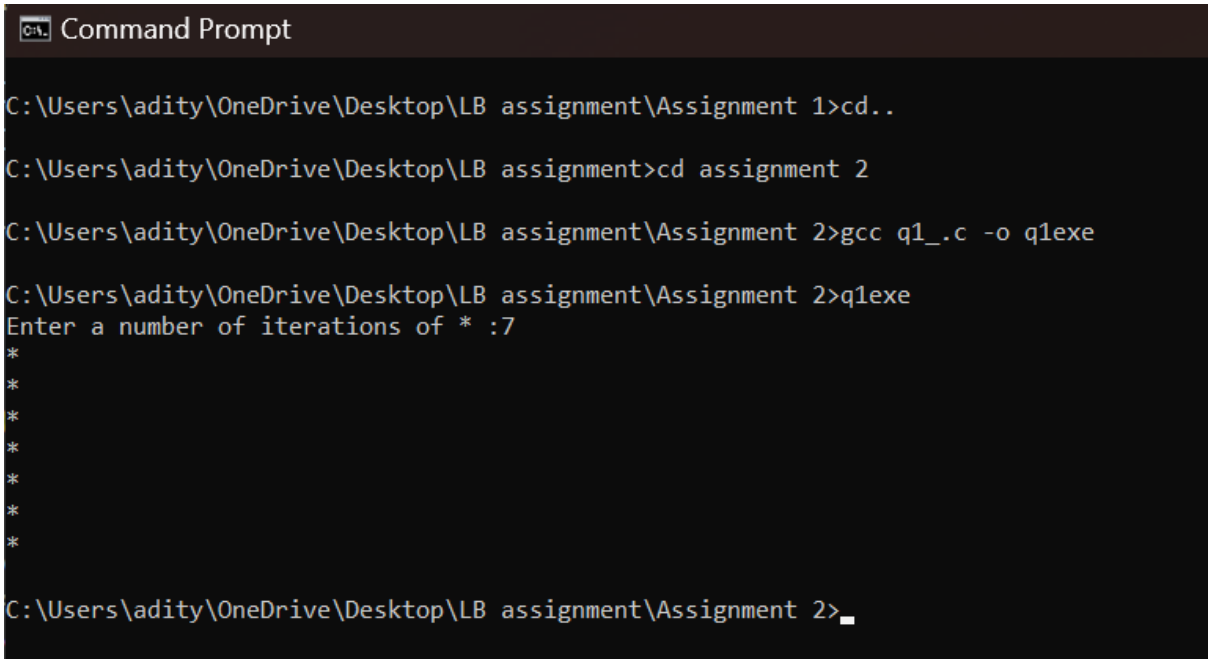
Assignment 2

Q.1 Write a program to take input from user and print Number of ‘*’.

Ans.

```c
#include<stdio.h>
void Display(int iNo)
{
    int iCnt=0;
    for(iCnt=1;iCnt<=iNo;iCnt++)
    {
        printf("*\n");
    }
}

int main()
{

    int iNo=0;
    printf("Enter a number of iterations of * :");
    scanf("%d",&iNo);

    Display(iNo);

    return 0;

}
```

OUTPUT:



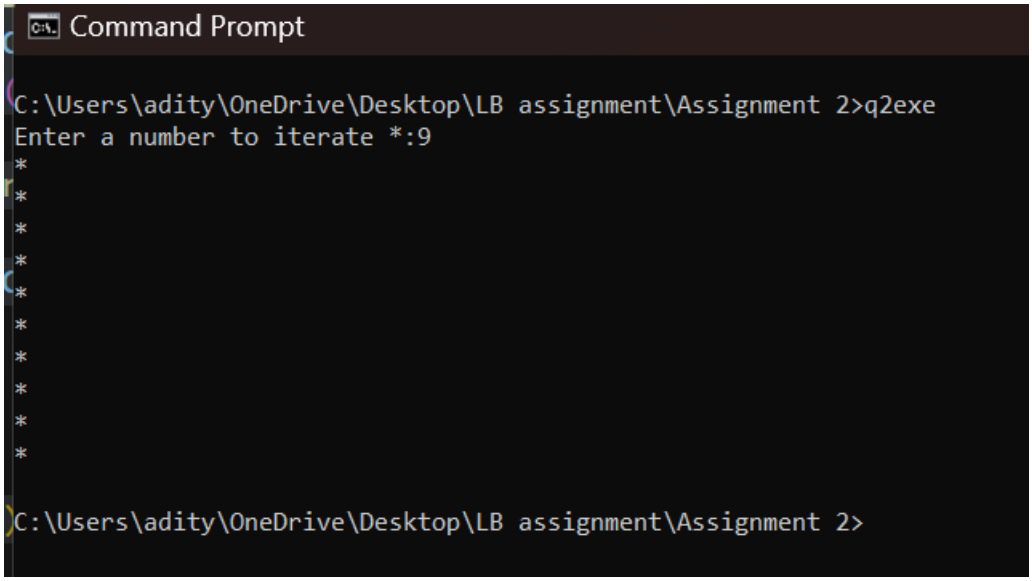
Q.2 Write A program to print '*' times user input number using while loop.

Ans.

```c
#include<stdio.h>
void Display(int iNo)
{   int iCnt=0;
    while(iCnt<=iNo)
    {
        printf("*\n");

        iCnt++;
    }
}


int main()
{
    int iVal=0;
    printf("Enter a number to iterate *:");
    scanf("%d",&iVal);
```

```
    Display(iVal);

    return 0;
}
```

OUTPUT:



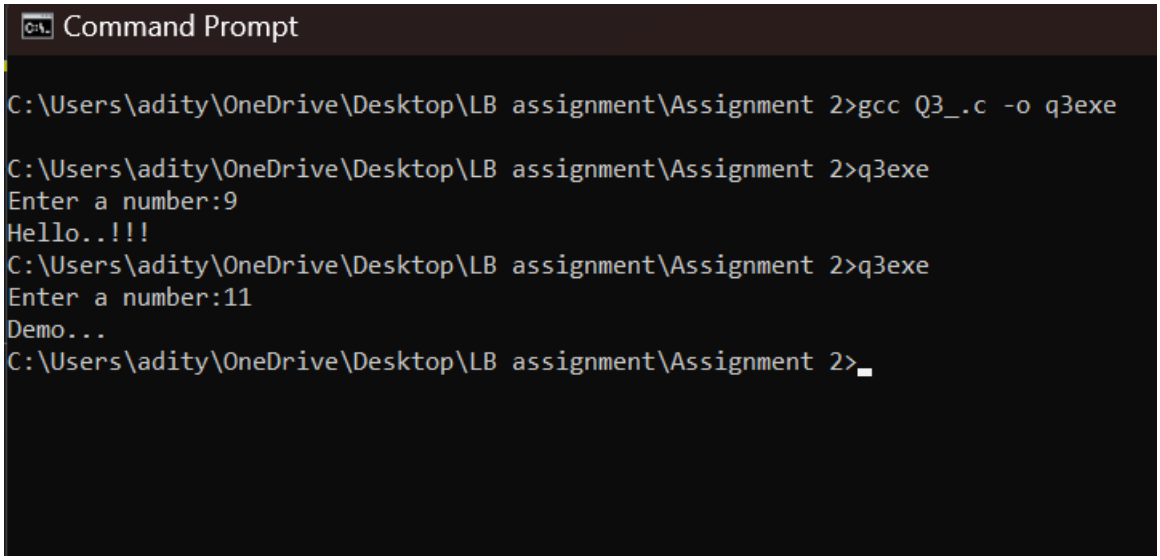
Q.3 Write a program to accept one number from user and if N<10 print ”Hello!!!” or print “Demo..”.

Ans.

```
#include<stdio.h>
#include<stdbool.h>

int Display(int iVal)
{
    if (iVal<10){
        return true;
    }
}

int main()
{
    int iNo=0;
```

```
    printf("Enter a number:");
    scanf("%d",&iNo);

    int iRet=Display(iNo);

    if(iRet==true){
        printf("Hello..!!!");
    }
    else{
        printf("Demo...");
    }

    return 0;
}
```

OUTPUT:

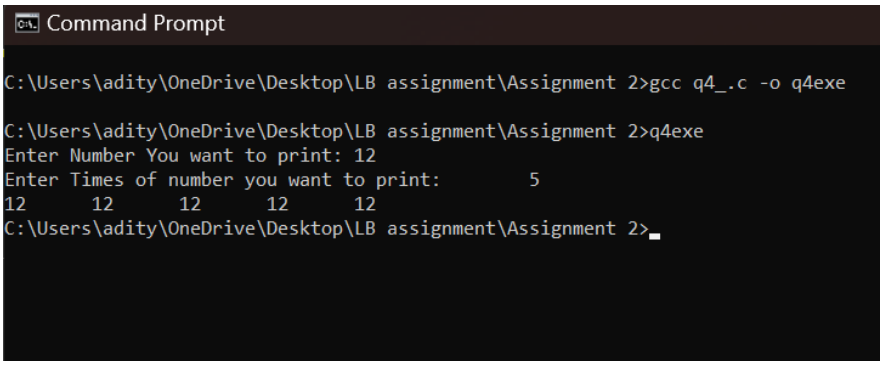


Q.4 Accept two number from user and display the first number times the second number.

Ans.

```c
#include<stdio.h>

void Display(int iNo1, int iNo2)
{
    int iCnt=0;
    for(iCnt=1;iCnt<=iNo2;iCnt++)
    {
        printf("%d\t",iNo1);
    }
}

int main()
{
    int iVal1=0, iVal2=0;

    printf("Enter Number You want to print:\t");
    scanf("%d",&iVal1);

    printf("Enter Times of number you want to print:\t");
    scanf("%d",&iVal2);

    Display(iVal1,iVal2);
    return 0;
}
```

OUTPUT:

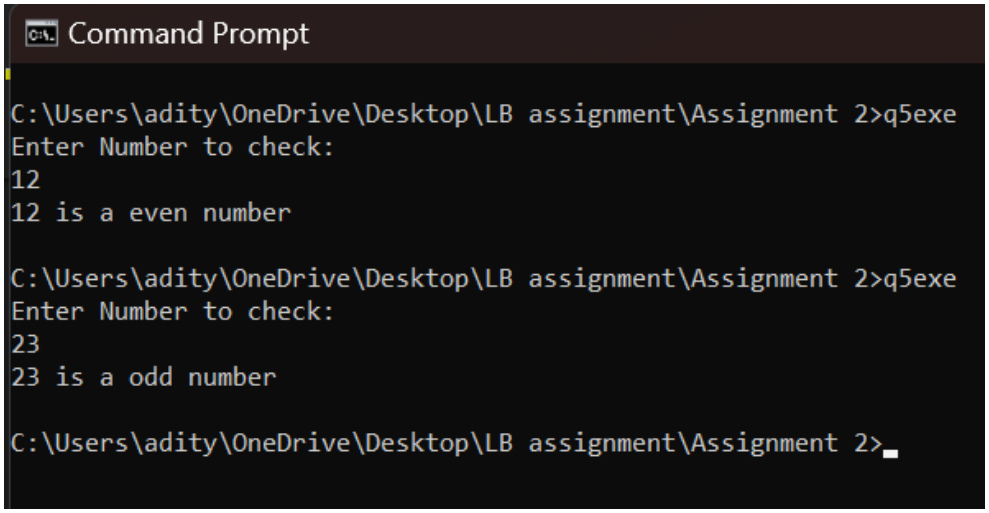


Q.5 Accept number from user and check whether the number is even or odd.

Ans.

```c
#include<stdio.h>
#include<stdbool.h>

bool Display(int iNo)
{
    if(iNo%2==0){
        return true;
    }
    else{
        return false;
    }
}

int main()
{
    int iVal=0;

    printf("Enter Number to check:\n");
    scanf("%d",&iVal);

   int iRet= Display(iVal);

   if(iRet==false){
    printf("%d is a odd number\n",iVal);
   }
   else{
    printf("%d is a even number\n",iVal);
   }

    return 0;
}
```

OUTPUT:


Command Prompt
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 2>q5exe
Enter Number to check:
12
12 is a even number
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 2>q5exe
Enter Number to check:
23
23 is a odd number
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 2>