Assignment No1

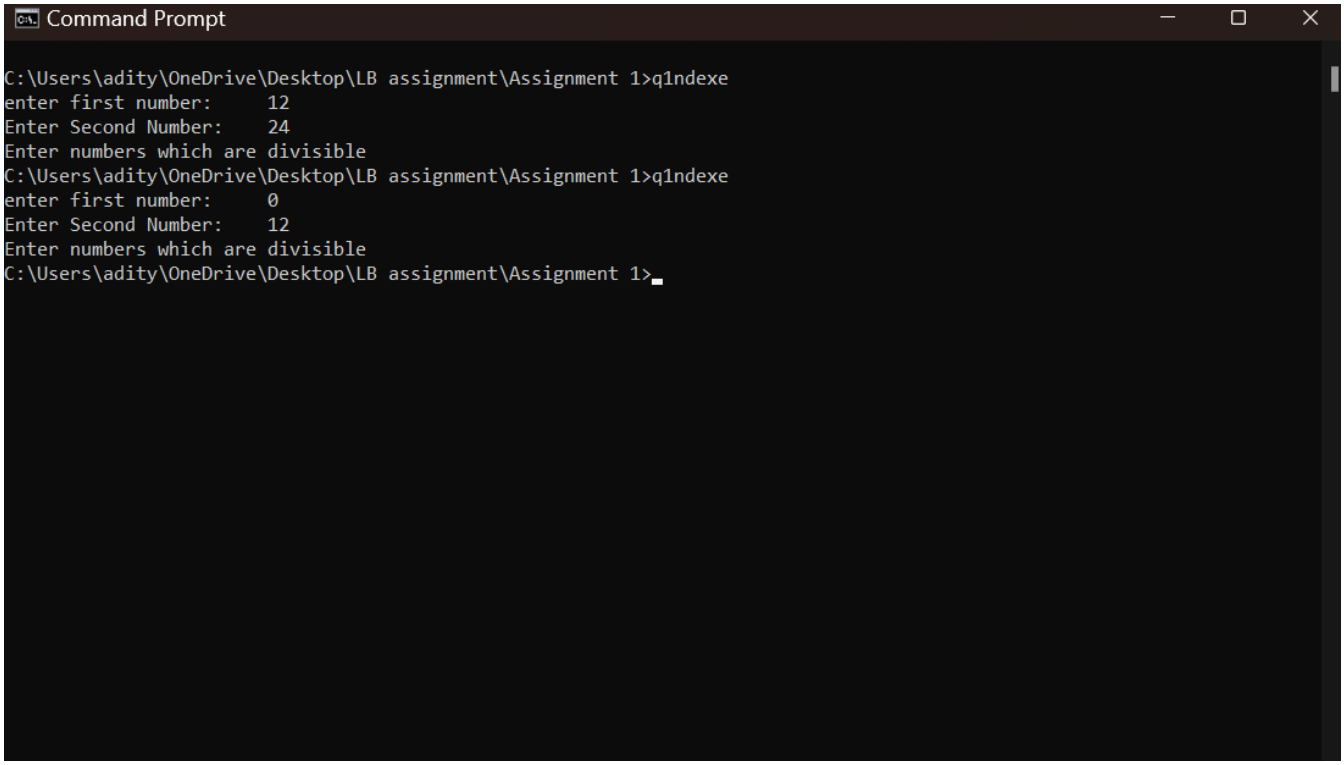
Q.1 Program to divide numbers.

Ans.

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


int Division(int iNo1, int iNo2)
{
    int iAns=0;

    if(iNo1&&iNo2==0)
    {
        return false;
    }

        iAns=iNo1/iNo2;

        return iAns;


}

int main()
{
    int iNo1=0, iNo2=0 ;

    printf("enter first number:\t");
    scanf("%d",&iNo1);

    printf("Enter Second Number:\t");
    scanf("%d",&iNo2);


   int iRet= Division(iNo1,iNo2);
```

```
   if(iRet==false)
   {
    printf("Enter numbers which are divisible");
   }

   else{
    printf("Divison of numbers is:\t%d",iRet);

   }
```

OUTPUT:

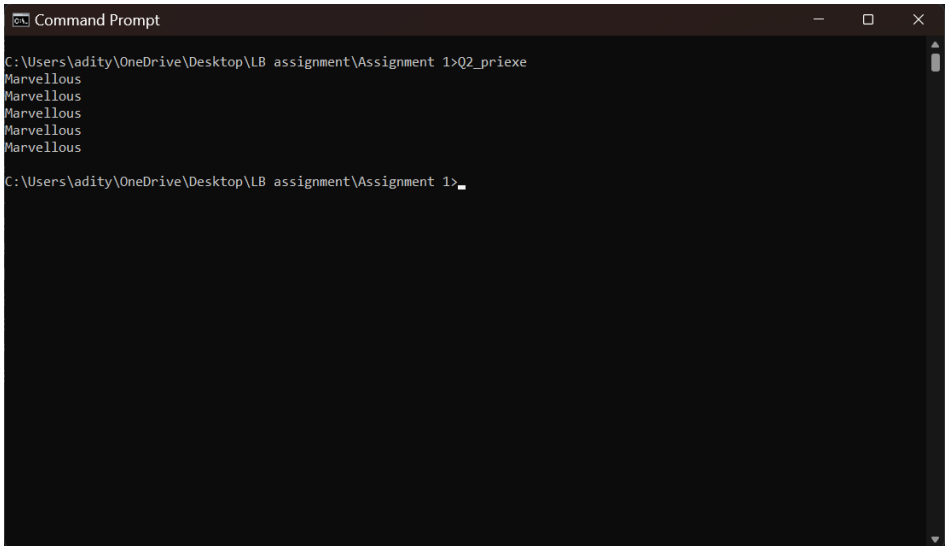


Q2.Program to print marvellous 5 times.

Ans.

```c
#include<stdio.h>

void Print5()
{
    int iCnt=0;
    for (iCnt=1;iCnt<=5;iCnt++)
    {
        printf("Marvellous\n");
    }
}

int main()
{
    Print5();

    return 0;
}
```

OUTPUT:

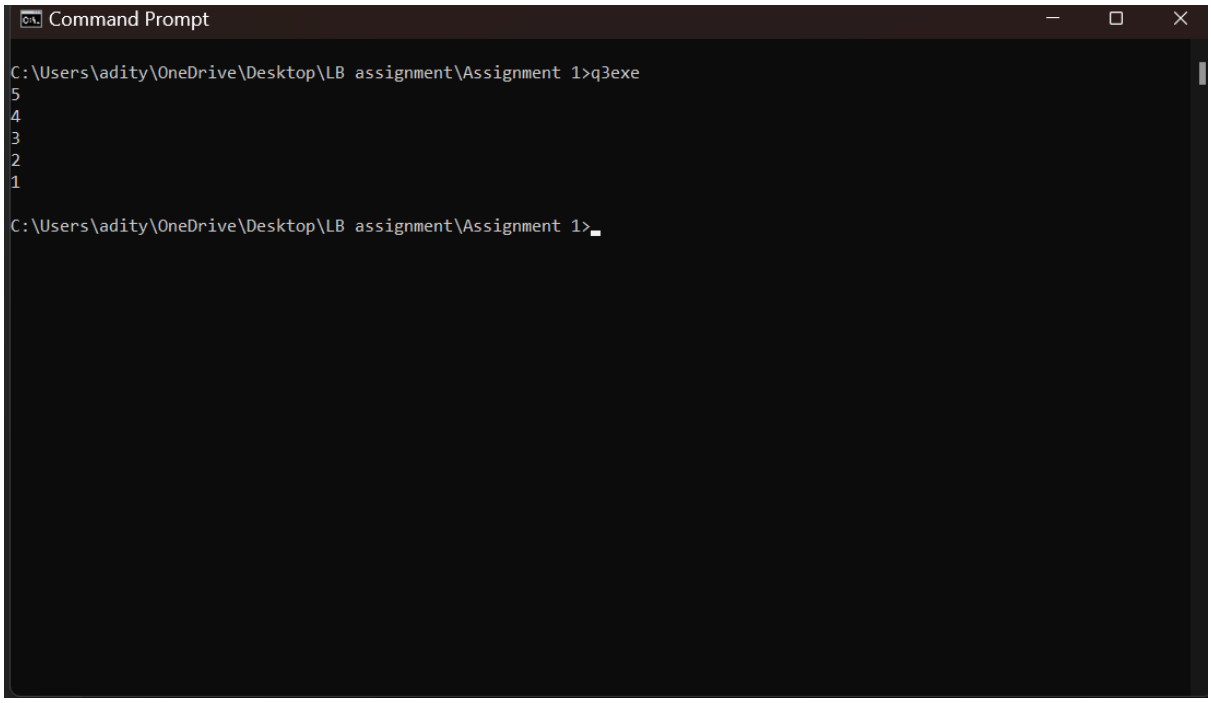


Q.3 program to print 5 to 1 number on screen

Ans.

```c
#include<stdio.h>

void Print5()
{
    int iCnt=0;
    for (iCnt=5;iCnt>=1;iCnt--)
    {
        printf("%d\n",iCnt);
    }
}

int main()
{
    Print5();

    return 0;
}
```

OUTPUT:

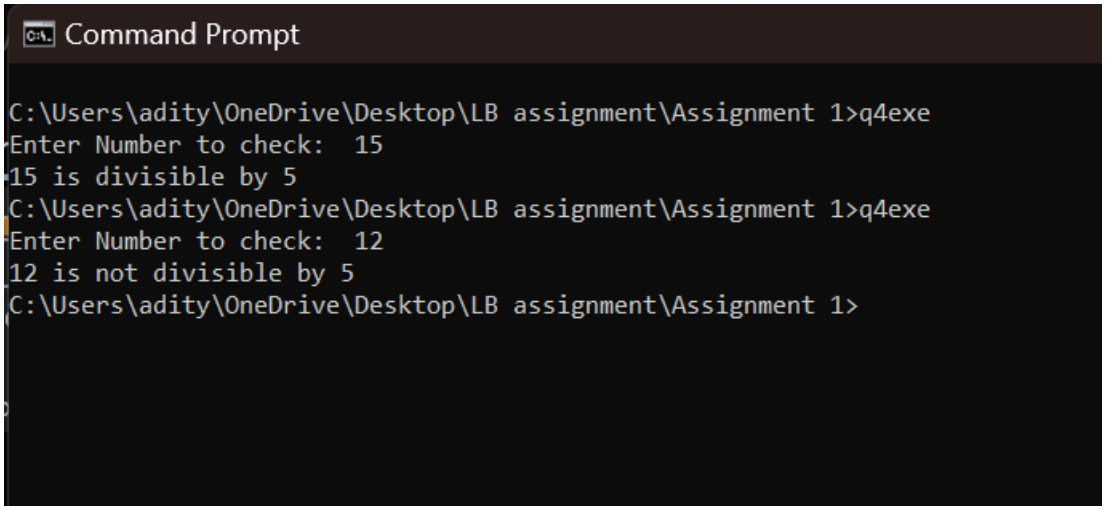


Q.4 Program to check divisible by 5

Ans.

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


int Div5(int iNo)
{
    if(iNo%5==0)
    {
        return true;
    }
    // else{
    //     return false;
    // }
}

int main()
{
    int iVal=0;
    printf("Enter Number to check:\t");
    scanf("%d",&iVal);

    int iRet=Div5(iVal);

    if(iRet==true)
    {
        printf("%d is divisible by 5",iVal);

    }
    else{
        printf("%d is not divisible by 5",iVal);
        }


    return 0;
}
```

OUTPUT:



Q.5 Write a program to print '*' five times.

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: