

# Assignment No1

Q.1 Program to divide numbers.

**Ans.**

```
#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);

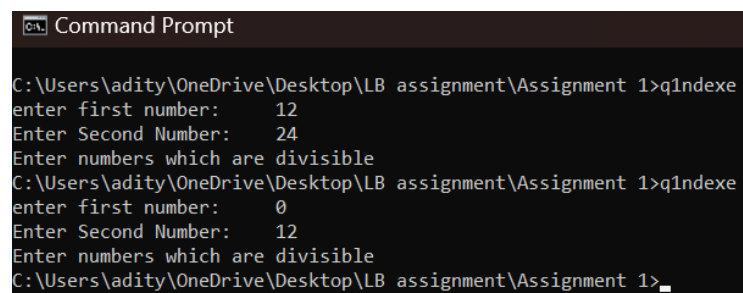
    printf("Enter Second Number:\t");
    scanf("%d",&iNo2);

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

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

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

## OUTPUT:



```
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q1indexe
enter first number:    12
Enter Second Number:   24
Enter numbers which are divisible
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q1indexe
enter first number:    0
Enter Second Number:   12
Enter numbers which are divisible
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>_
```

Q2.Program to print marvellous 5 times.

**Ans.**

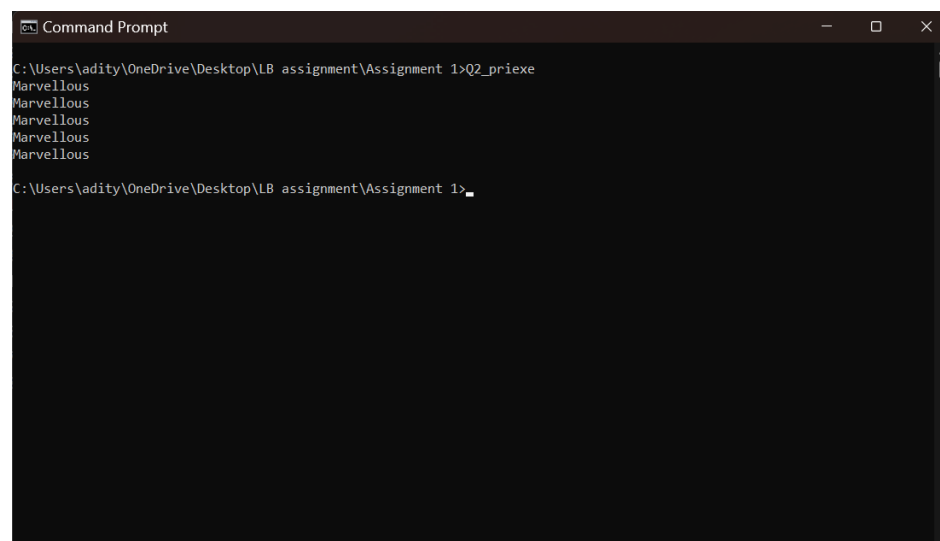
```
#include<stdio.h>

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

int main()
{
    Print5();

    return 0;
}
```

**OUTPUT:**



The screenshot shows a Windows Command Prompt window with the title "Command Prompt". The command prompt displays the output of the program, which is the word "Marvellous" printed five times, each on a new line. The command prompt also shows the current directory as "C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>".

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

**Ans.**

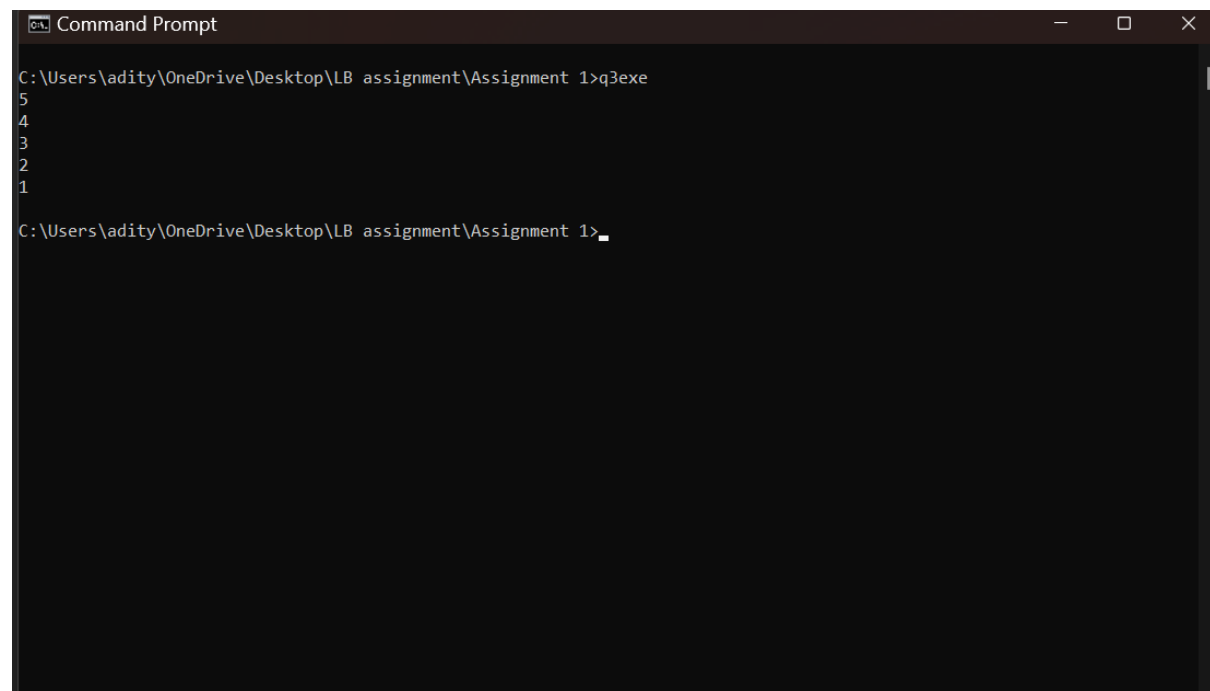
```
#include<stdio.h>

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

int main()
{
    Print5();

    return 0;
}
```

**OUTPUT:**



```
Command Prompt
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q3exe
5
4
3
2
1
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>
```

#### Q.4 Program to check divisible by 5

Ans.

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

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

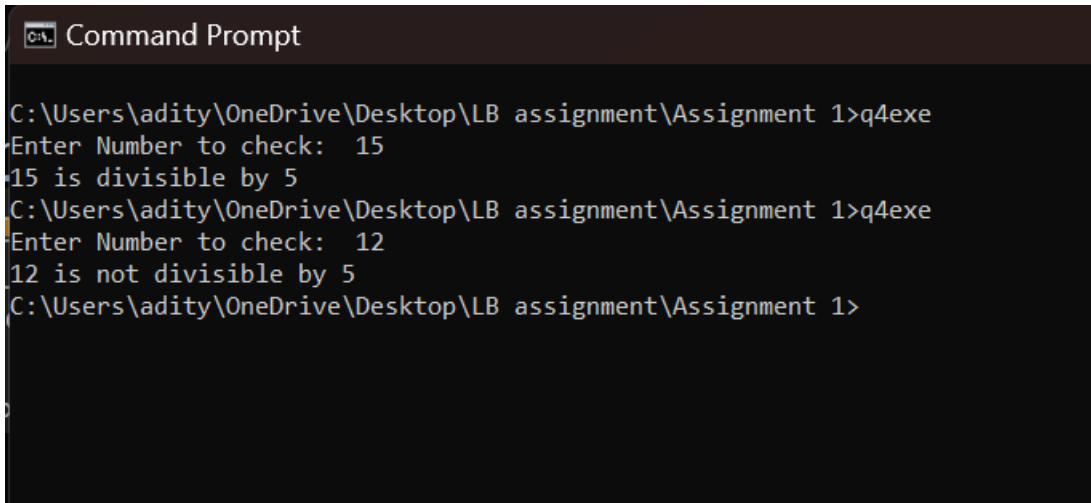
int main()
{
    int iVal=0;
    printf("Enter Number to check:\t");
    scanf("%d",&iVal);

    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:



```
Command Prompt

C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q4exe
Enter Number to check: 15
15 is divisible by 5
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q4exe
Enter Number to check: 12
12 is not divisible by 5
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>
```

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

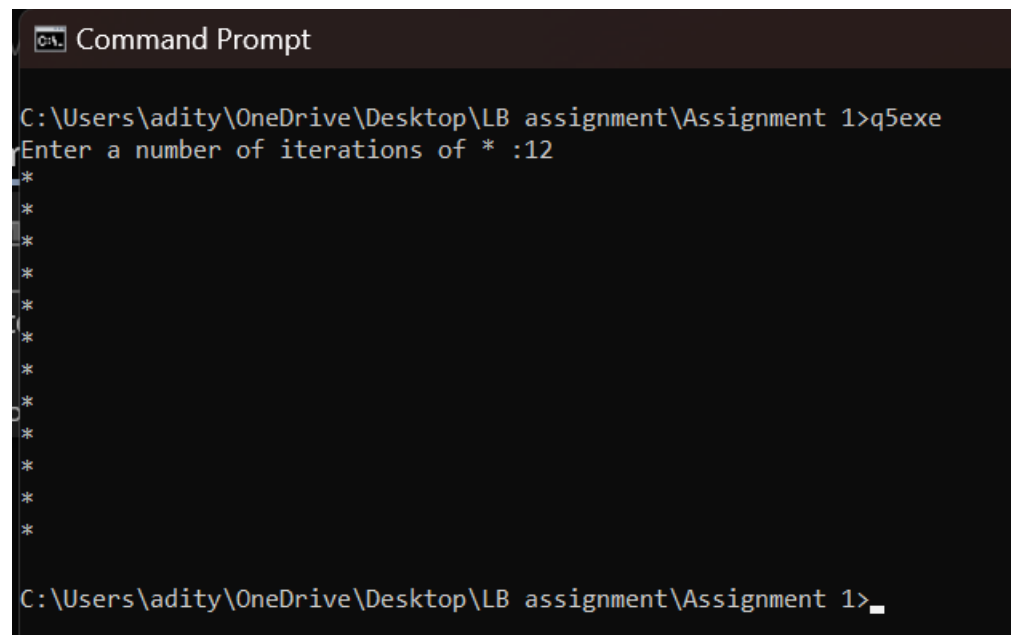
**Ans.**

```
#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:



```
Command Prompt  
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>q5.exe  
Enter a number of iterations of * :12  
*  
*  
*  
*  
*  
*  
*  
*  
*  
*  
*  
*  
C:\Users\adity\OneDrive\Desktop\LB assignment\Assignment 1>
```