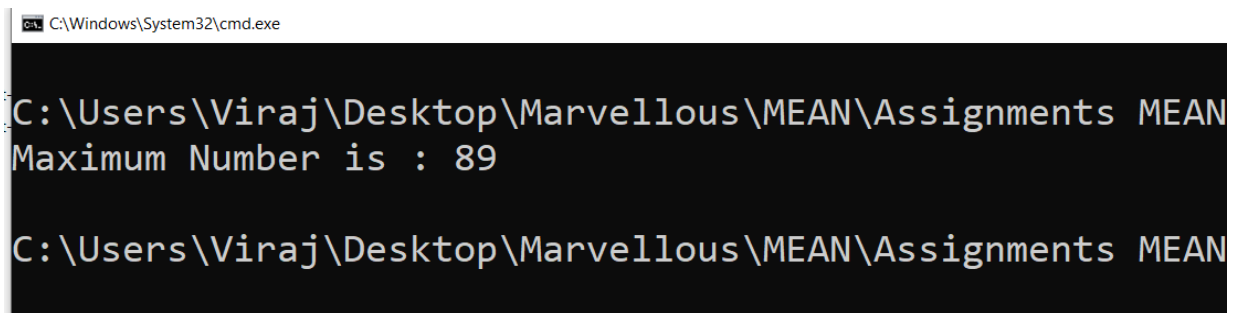


//Assignment-1 | Que-1 | RID-073AM\_Viraj

```
function Maximum(iNo1 : Number,iNo2 : Number,iNo3 :  
Number) : Number  
{  
    if(iNo1 > iNo2 && iNo1 > iNo3)  
    {  
        return iNo1;  
    }  
    if(iNo2 > iNo1 && iNo2 > iNo3 )  
    {  
        return iNo2;  
    }  
    if(iNo3 > iNo1 && iNo3 > iNo2)  
    {  
        return iNo3;  
    }  
}  
var iVal1 : Number = 23;  
var iVal2 : Number = 89;  
var iVal3 : Number = 6;  
  
var iRet : Number = 0;  
  
iRet = Maximum(iVal1,iVal2,iVal3);  
  
console.log("Maximum Number is : "+iRet);
```

Input:-23,89,6 | OutPut:-



```
C:\Windows\System32\cmd.exe  
C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN  
Maximum Number is : 89  
C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN
```

## //Assignment-1 | Que-2 | RID-073AM\_Viraj

```
function Area(Radius : Number) : Number
{
    var iArea : Number = 0;
    var pie : Number = 3.14;

    iArea = pie * Radius * Radius;

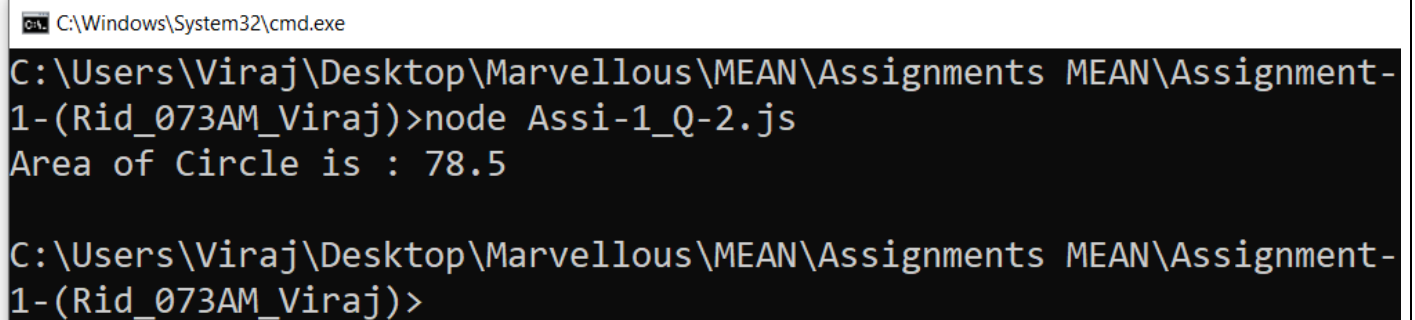
    return iArea;
}
var iRadius : Number = 5;
var iRet : Number = 0;

iRet = Area(iRadius);

console.log("Area of Circle is : "+iRet);
```

Input :- 5

OutPut :-



A screenshot of a Windows command prompt window. The title bar shows 'C:\Windows\System32\cmd.exe'. The command prompt shows the following text:

```
C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN\Assignment-1-(Rid_073AM_Viraj)>node Assi-1_Q-2.js
Area of Circle is : 78.5

C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN\Assignment-1-(Rid_073AM_Viraj)>
```

//Assignment-1 | Que-3 | RID-073AM\_Viraj

```
function DisplayFactors(iNo : Number) : void
{
    var iCnt : Number = 0;

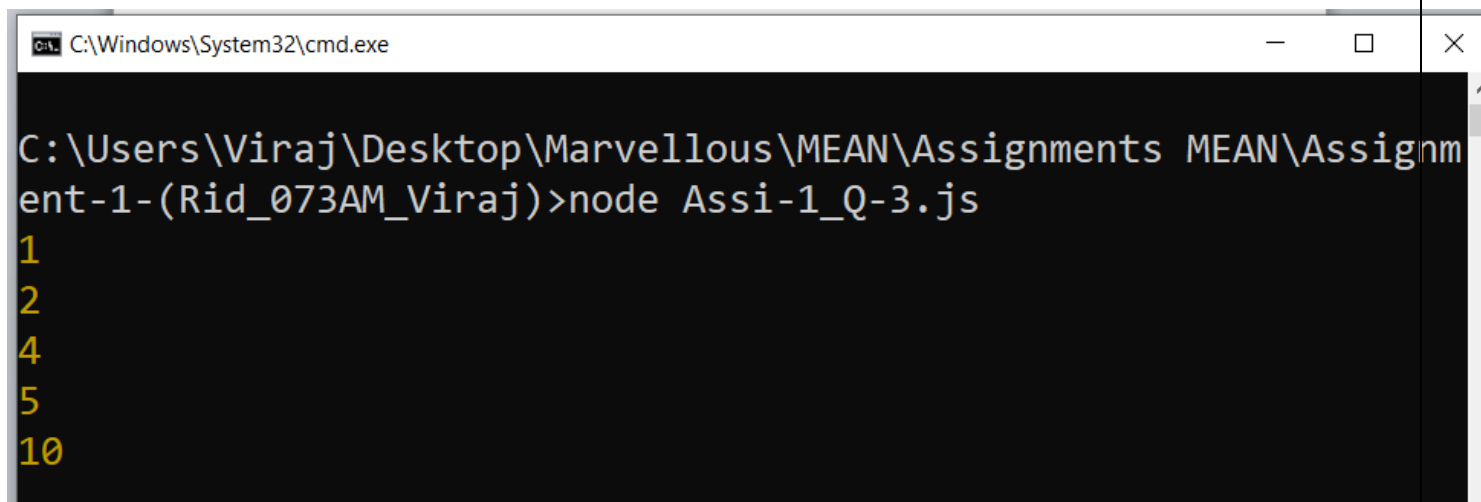
    for(iCnt = 1; iCnt < iNo; iCnt++)
    {
        if((iNo % iCnt) == 0)
        {
            console.log(iCnt);
        }
    }
}

var iVal : Number = 20;

DisplayFactors(iVal);
```

Input :- 20

OutPut :-



The screenshot shows a Windows command prompt window titled "C:\Windows\System32\cmd.exe". The command prompt displays the following text:

```
C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN\Assignm
ent-1-(Rid_073AM_Viraj)>node Assi-1_Q-3.js
1
2
4
5
10
```

The output of the script is displayed in yellow text on a black background.

## //Assignment-1 | Que-4 | RID-073AM\_Viraj

```
function CheckPrime(iNo : Number) : boolean
{
    var iCnt : Number = 0;

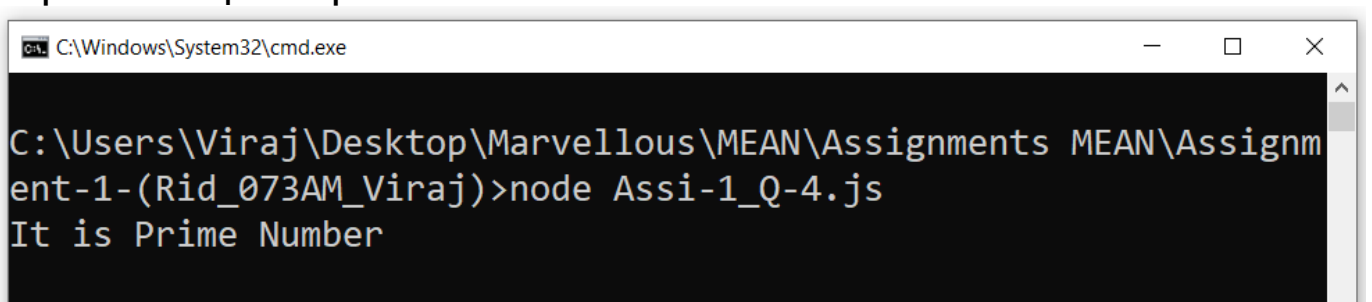
    for(iCnt=2; iCnt<=(iNo/2); iCnt++)
    {
        if((iNo % iCnt) == 0)
        {
            return false;
        }
        else
        {
            return true;
        }
    }
}

var iVal : Number = 11;
var bRet : boolean;

bRet = CheckPrime(iVal);

if(bRet == true)
{
    console.log("It is Prime Number");
}
else
{
    console.log("It is Not Prime Number");
}
```

Input:-11 | Output:-



The screenshot shows a Windows command prompt window with the title bar 'C:\Windows\System32\cmd.exe'. The command prompt displays the following text:

```
C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN\Assignm
ent-1-(Rid_073AM_Viraj)>node Assi-1_Q-4.js
It is Prime Number
```

## //Assignment-1 | Que-5 | RID-073AM\_Viraj

```
function Fibonacci(iNo : Number) : void
{
    var Next : Number = 1;
    var iNo1 : Number = 0;
    var iNo2 : Number = 0;

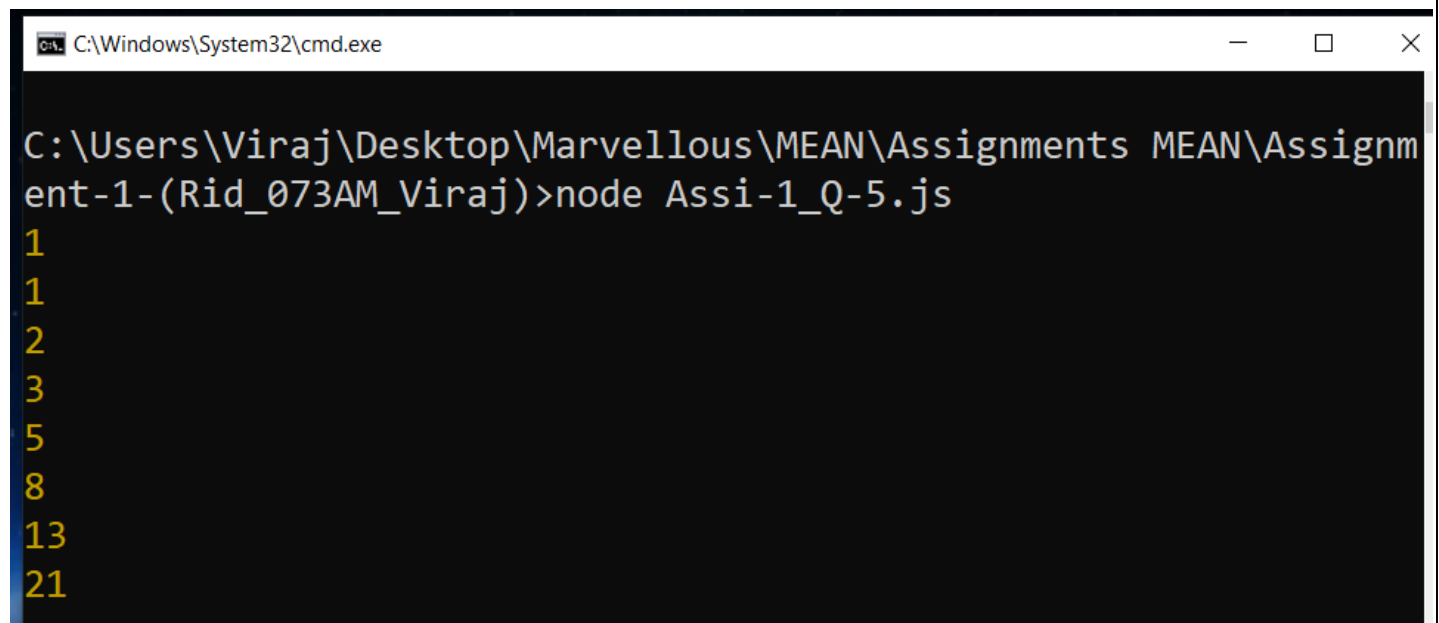
    while(Next <= iNo)    //1 <= 21, 1<=21, 2<=21, 3<=21, 5>=21
    {
        console.log(Next);    //1,1,2,3,5,8,13,21
        iNo1 = iNo2;          //iNo1=0,1,1,2,3
        iNo2 = Next;          //iNo2=1,1,2,3,5
        Next = iNo1 + iNo2;    //Next=1,2,3,5,8
    }
}

var iVal : Number = 21;
```

Fibonacci(iVal);

Input:- 21

OutPut:-



```
C:\Windows\System32\cmd.exe

C:\Users\Viraj\Desktop\Marvellous\MEAN\Assignments MEAN\Assignment-1-(Rid_073AM_Viraj)>node Assi-1_Q-5.js
1
1
2
3
5
8
13
21
```