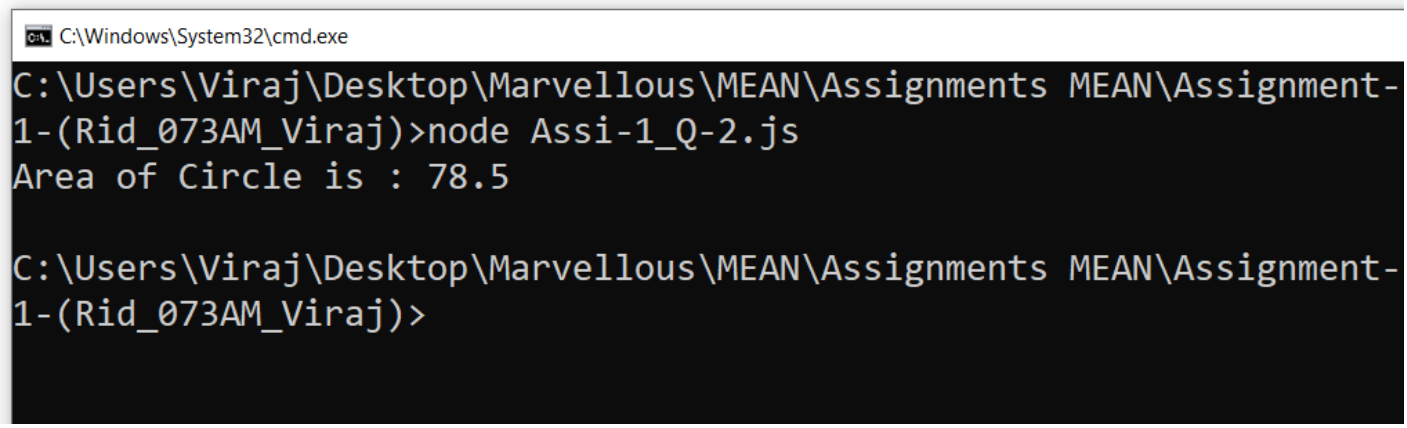
```
//Assignment-1 | Que-1 | RID-073AM_Viraj

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:-

```
//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);
```

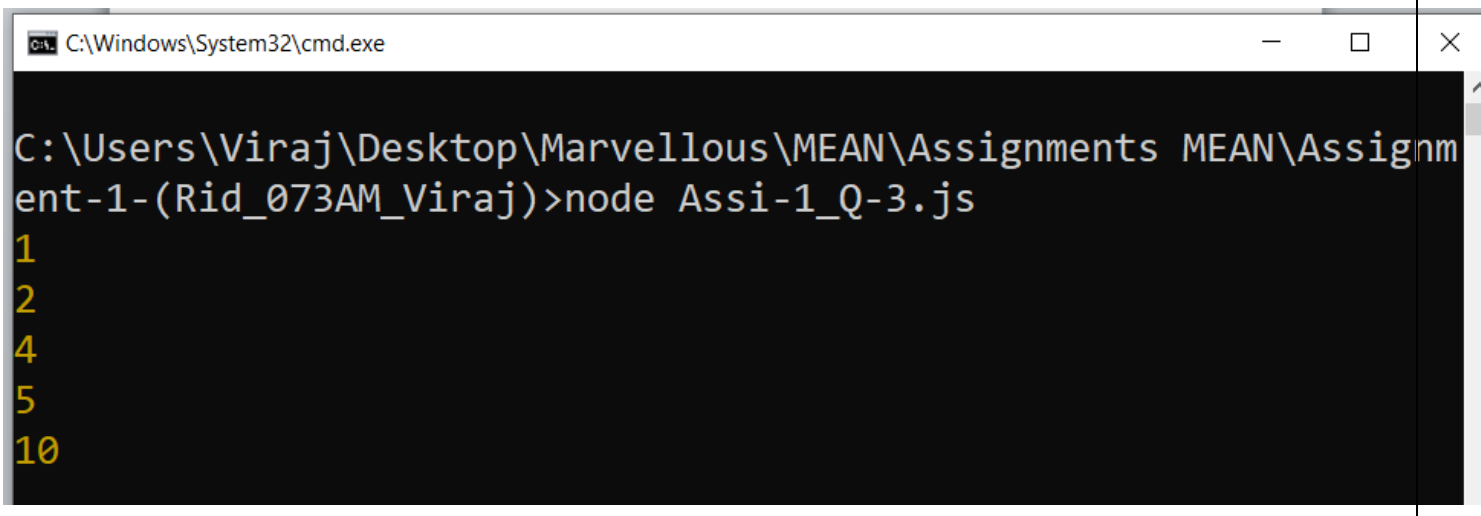
Input :- 5

OutPut :-



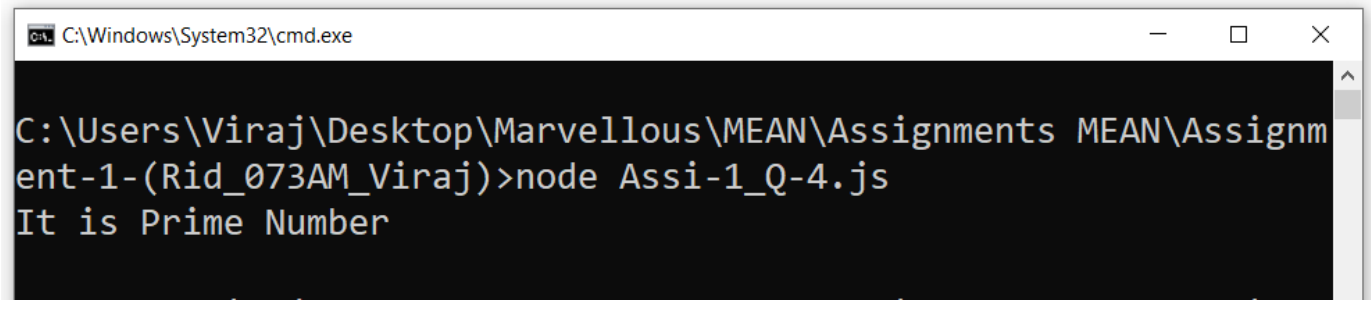
```
//Assignment-1 | Que-3 | RID-073AM_Viraj

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 :-



```
//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:-



```
//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:-