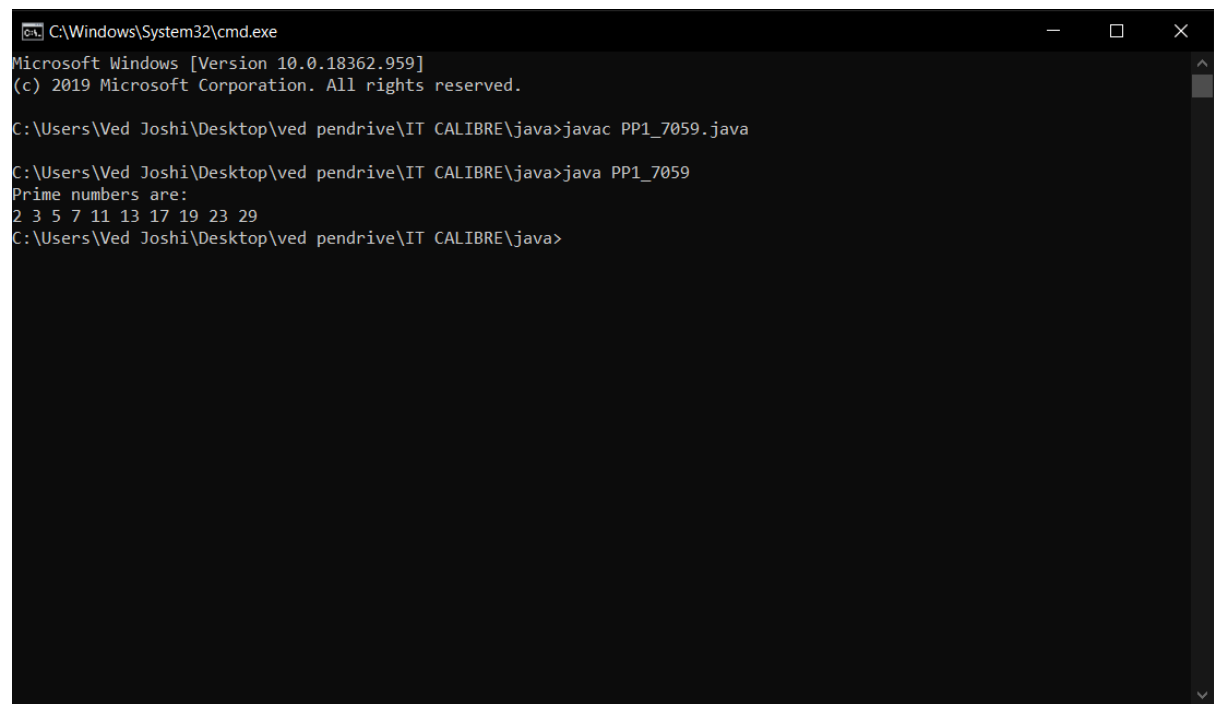# PRACTICAL: 1
(LAB PRACTICALS)

AIM: WAP to print prime numbers from 1 to 30.

PROGRAM:

```java
class PP1_7059
{
    public static void main(String args[])
    {
        int i,j,flag,n=30;
        System.out.println("Prime numbers are:");
        for (i=2;i<=n;i++)
        {
            flag=1;
            for (j=2;j<=i/2;++j)
            {
                if (i%j==0)
                {
                    flag=0;
                    break;
                }
            }
            if (flag==1)
                System.out.print(i + " ");
        }
    }
}
```

OUTPUT:

```
C:\Windows\System32\cmd.exe                                    —     □     ×

Microsoft Windows [Version 10.0.18362.959]
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C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>javac PP1_7059.java

C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>java PP1_7059
Prime numbers are:
2 3 5 7 11 13 17 19 23 29
C:\Users\Ved Joshi\Desktop\ved pendrive\IT CALIBRE\java>
```