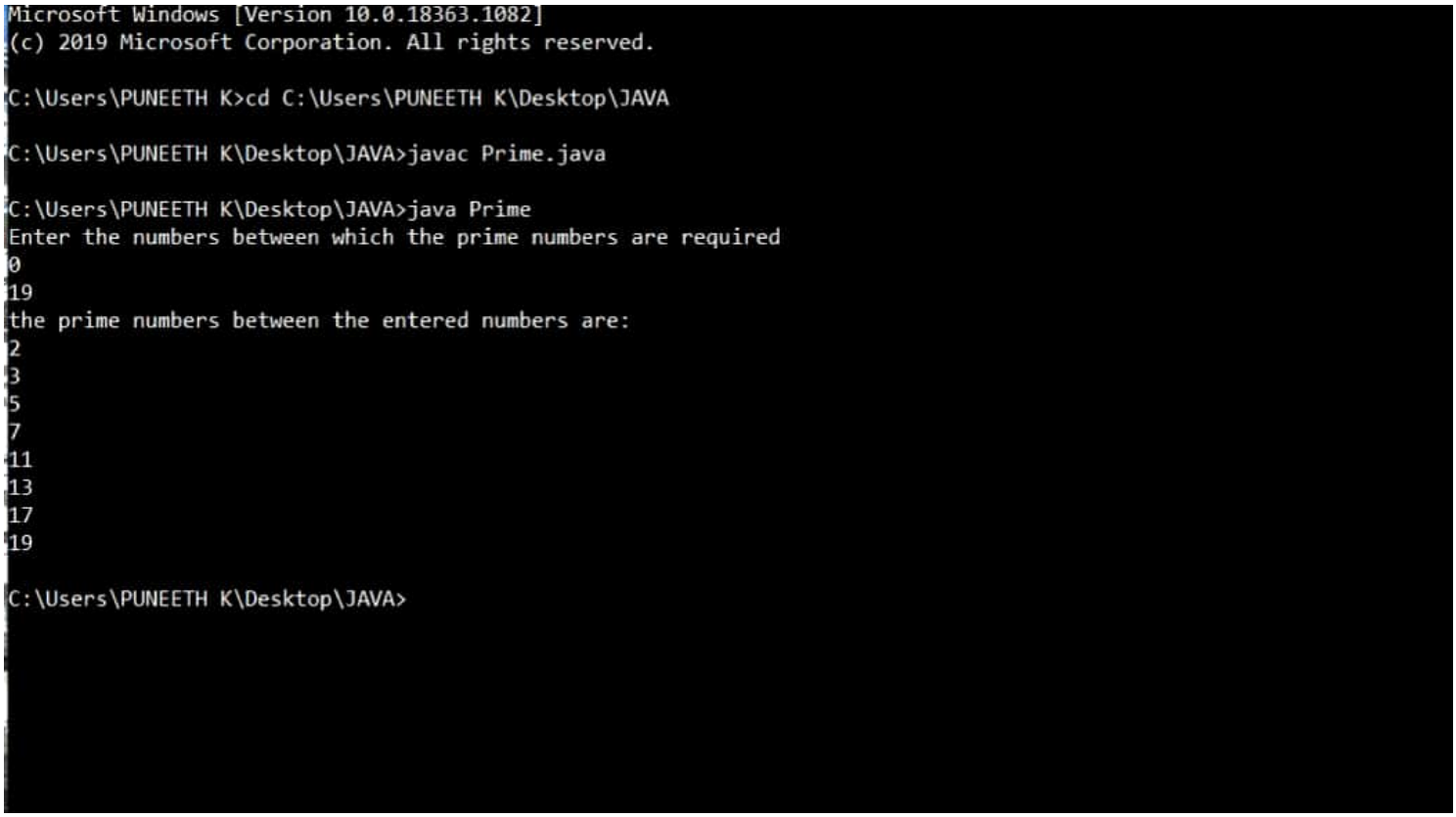
```
import java.util.Scanner;
class Prime{
public static void main(String args[]){
Scanner n= new Scanner(System.in);
int a,b;
System.out.println("Enter the numbers between which the prime numbers are required");
a=n.nextInt();
b=n.nextInt();
System.out.println("the prime numbers between the entered numbers are:");

for(int i=a;i<=b;i++){
int c=0;
for(int j=1;j<=i;j++)
{
if(i%j==0)
c++;
}
if(c==2)
System.out.println(i);

}
}
}
```



6. Prime number between the given numbers

```
import java.util.Scanner;
class Prime{
public static void main(String args[]){
Scanner n= new Scanner(System.in);
int a,b;
System.out.println("Enter the numbers btw which the prime
                    numbers are required ");
a=n.nextInt();
b=n.nextInt();
System.out.println("The prime numbers between the
                    entered numbers are:");
for(int i=a;i<=b;i++){
  int c=0;
  for(int j=1;j<=i;j++)
  {if(i%j==0)
    c++;}
```

```
if (c == 2)
System.out.println(i);
}
}
}
```