

```

/*prime in range(using BufferedReader class)*/
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
public class prime_range {
    public static void isPrime(int n)
    {
        int flag = 0;
        for(int i=2; i<=n/2; i++)
        {
            if (n%i == 0)
            {
                flag = 1;
                break;
            }
        }
        if (flag == 0)
        {
            System.out.println(n);
        }
    }

    public static void main(String[] args) throws IOException {
        BufferedReader br = new BufferedReader(new
        InputStreamReader(System.in));
        System.out.print("Enter the lower limit: ");
        int a = Integer.parseInt(br.readLine());
        System.out.print("Enter the upper limit: ");
        int b = Integer.parseInt(br.readLine());
        for(int i=a; i<=b; i++)
        {
            prime_range.isPrime(i);
        }
    }
}

```

}

}

}

```
Command Prompt
C:\Users\HP\OneDrive\Desktop>cd practice-java 4th sem
C:\Users\HP\OneDrive\Desktop\practice-java 4th sem>javac prime_range.jaav
error: Class names, 'prime_range.jaav', are only accepted if annotation processing is explicitly requested
1 error
C:\Users\HP\OneDrive\Desktop\practice-java 4th sem>javac prime_range.java
C:\Users\HP\OneDrive\Desktop\practice-java 4th sem>java prime_range
Enter the lower limit: 1
Enter the upper limit: 50
1
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47
C:\Users\HP\OneDrive\Desktop\practice-java 4th sem>
```