

```

import java.util.*;
class prime
{
    public static void main (String args[])
    {
        int a, b, i, j, c = 0;
        Scanner in = new Scanner(System.in);
        System.out.println("Enter the number a and b");
        a = in.nextInt();
        b = in.nextInt();
        for (i = a; i <= b; i++)
        {
            for (j = 1; j <= i; j++)
            {
                if (i % j == 0) { c++; }
            }
            if (c == 2) { System.out.println(i + " is a prime number"); }
            c = 0;
        }
    }
}

```

```
Command Prompt
Microsoft Windows [Version 10.0.18363.1082]
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C:\Users\sohan>cd C:\Users\sohan\Desktop\Java Programs\prime no btw 2 int

C:\Users\sohan\Desktop\Java Programs\prime no btw 2 int>javac prime.java

C:\Users\sohan\Desktop\Java Programs\prime no btw 2 int>java prime
Enter the number a and b
10
20
11 is a prime number
13 is a prime number
17 is a prime number
19 is a prime number

C:\Users\sohan\Desktop\Java Programs\prime no btw 2 int>
```

prime - Notepad

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class prime
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System.out.println(" Enter the number a and b ");
a=in.nextInt();
b=in.nextInt();
for(i=a;i<=b;i++)
{
    for(j=1;j<=i;j++)
    {
        if(i%j==0) { c++;}
    }
    if(c==2){ System.out.println(i+" is a prime number ");}
    c=0;
}
}}
```

Ln 3, Col 9

100%

Windows (CRLF)

UTF-8



Type here to search



18:50
26-09-2020