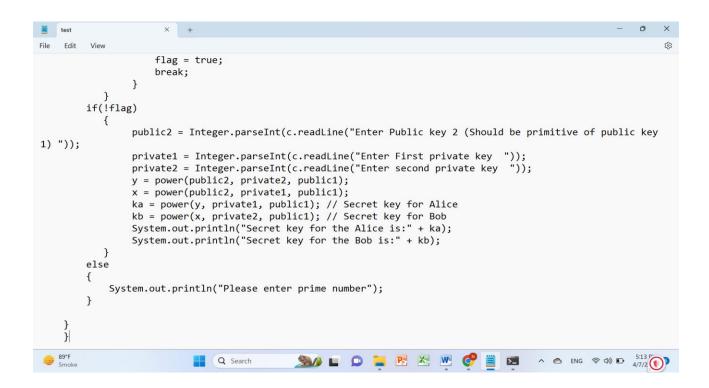
```
(3)
File
    Edit
import java.io.*;
class test{
    // Power function to return value of a ^ b mod P
    private static long power(long private1, long private2, long public1)
        if (private2 == 1)
            return private1;
        else
            return (((long)Math.pow(private1, private2)) % public1);
    }
    public static void main(String[] args)
        long public1 , public2 , x, private1 , y, private2 , ka = 0, kb = 0;
        Console c = System.console();
        public1 = Integer.parseInt(c.readLine("Enter value of public key (must be prime) "));
        boolean flag = false;
        for(int i = 0; i<public1/2 ; i++)</pre>
                 if(public1 % 2 == 0){
                     flag = true;
                     break;
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                                                                        X
                                 Q Search
```



Output:

