

Check if the given number is prime number or not.

```
import java.util.Scanner;  
class isprime  
{  
    static void isprime (int n)  
    {  
        int i, m= 0, flag = 0;  
        m = n/2;  
        if (n == 0 || n == 1)  
        {  
            System.out.println(n + " is not a prime  
            no");  
        }  
        else  
        {  
            for (i=2; i<m; i++)  
            {  
                if (n % i == 0)  
                {  
                    System.out.println(n + " is not a prime  
                    number");  
                    flag = 1;  
                    break;  
                }  
            }  
            if (flag == 0)  
            {  
                System.out.println(n + " is a prime  
                number");  
            }  
        }  
    }  
}
```

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Output

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```
public static void main (String args[])
{
    int i;
    Scanner sc = new Scanner (System.in);
    System.out.println ("Enter the value of i:");
    i = sc.nextInt();
    isprime (i);
}
```

ime

Output:-

Enter the value of i  
5

It is a prime number.

## LAB PROGRAM②

import java.util.Scanner;  
class Subject {

int subjectMarks;

int credits;

String grade;

}

class Student

{

String name;

String usn;

double SGPA;

Scanner s;

Subject subject [ ];