Task-5 Check number is prime or not

**package** JavaPrograms;

**import** java.util.Scanner;

**public** **class** PrimeOrNot {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

**int** flag=0;

Scanner obj = **new** Scanner(System.***in***);

System.***out***.println("Enter Number to Check whether it is Prime or not");

**int** num=obj.nextInt();

**if** (num==1){

System.***out***.println(num+": is prime number ");

}

**else** **if**(num<0){

System.***out***.println("No negative number allowed");

}

**else** {

**if**(num>0) {

**for**(**int** i=2;i<num;i++) {

**if**(num%i==0) {

flag=1;

}

}

}

**if** (flag==1) {

System.***out***.println("Number is not prime number");

}

**else** {

System.***out***.println("Number is a prime number");

}

}

}}

**OUTPUT**:- 