

PrimeExample.java+prime numberNEWJAVARUN

```
1 public class PrimeExample{
2     public static void main(String args[]){
3         int i,m=0,flag=0;
4         int n=3;
5         m=n/2;
6         if(n==0||n==1){
7             System.out.println(n+" is not prime number");
8         }else{
9             for(i=2;i<=m;i++){
10                 if(n%i==0){
11                     System.out.println(n+" is not prime number");
12                     flag=1;
13                     break;
14                 }
15             }
16             if(flag==0) { System.out.println(n+" is prime number"); }
17         }
18     }
19 }
```

STDIN

5

Output:

3 is prime number

Armstrong.java+Armstrong NumberNEWJAVARUN

```
1 public class Armstrong {
2     public static void main(String[] args) {
3         int number = 371;
4         int originalNumber = number;
5         int remainder, result = 0;
6         while (originalNumber != 0) {
7             remainder = originalNumber % 10;
8             result += Math.pow(remainder, 3);
9             originalNumber /= 10;
10        }
11        if (result == number)
12            System.out.println(number + " is an Armstrong number.");
13        else
14            System.out.println(number + " is not an Armstrong number.");
15    }
16 }
17
```

Output:

371 is an Armstrong number.