```java
 1 package primeNumber;
 2
 3 public class PrimeWithFunction {
 4
 5     // with a function
 6         static boolean isPrime(int num) {
 7             int flag=0;
 8
 9             for(int i = 2;i<= num/2; i++) {
10
11                 if(num%i == 0)
12                     flag = 1;
13             }
14
15             if(flag == 1)
16                 return false;   // is not a prime number
17             else
18                 return true;    // is a prime number
19
20             // flag = 1 means it is divisible from other numbers also
21         }
22         public static void main(String[] args) {
23
24             int num = 17;
25             if(isPrime(num))
26                 System.out.println(num +" is a prime number");
27             else
28                 System.out.println(num +" is not a prime number");
29
30         }
31
32 }
33
34 /*
35  * -------------------------- OUTPUT ----------------------- //with a
36  * function 17 is a prime number
37  */
```