```java
import java.util.*;
class Day20{
        public static boolean isPrime(int n){
        if(n==0 || n==1){
        return false;
}
int c = 0;
        for(int i=1; i<=n/2; i++){
        if(n%i==0){
        c++;
}
}
        if(c==n/2){
        return false;
} else{
return true;
}
}
        public static void main(String args[]){
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        if(isPrime(n)){
        System.out.println(n + " is a prime number");
}
        else{
        System.out.println(n + " is not a prime number");
}
}
}
```