public class Even\_odd {

public int check\_even\_odd(int number) {

if(number%2==0) {

System.***out***.println("Number is Even");

return 1;

}

else {

System.***out***.println("Number is Odd");

return 0;

}

}

}

public class prime\_number\_checking {

public int check\_prime(int number) {

boolean flag = false;

for (int i = 2; i <= number / 2; ++i) {

if (number % i == 0) {

flag = true;

break;

}

}

if (!flag) {

System.***out***.println(number+ " Is prime");

return 1;}

else {

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

return 0;

}

}

}

public class MainClass {

public static void main(String[] args) {

Even\_odd c=new Even\_odd();

c.check\_even\_odd(3);

prime\_number\_checking p =new prime\_number\_checking();

p.check\_prime(12);

}

}