



# PACKAGE PROBLEM

JAVA 1007

[Abstract](#)

7TH DAY PROBLEM:

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## PROBLEMS ON PACKAGES:

## SCREENSHOTS OF CODE OUTPUT:

```
package primespackage;

public class Prime {
    public static boolean checkPrime(int num) {
        int temp;
        boolean isPrime = true;
        for (int i = 2; i <= num / 2; i++) {
            temp = num % i;
            if (temp == 0) {
                isPrime = false;
                break;
            }
        }
        return isPrime;
    }
}
```

```
package Checkprime;

import java.util.Scanner;
import primespackage.Prime;

public class TwinsPrime {
    Run | Debug
    public static void main(String args[]) {
        int i;
        // take input
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter first number: ");
        int n1 = sc.nextInt();
        System.out.print("Enter second number: ");
        int n2 = sc.nextInt();
        sc.close();
        System.out.println("Twin prime numbers are: ");
        // checking twins prime
        for (i = n1; i <= n2; i++) {
            if (Prime.checkPrime(i) & Prime.checkPrime(i + 2) & i > 1) {
                System.out.println("(" + i + ", " + (i + 2) + ")");
            }
        }
    }
}
```

```
ing\Code\User\workspaceStorage\9801d9d7229a8ae5e8ba2eb4848
Enter first number: 2
Enter second number: 15
Twin prime numbers are:
(3,5)
(5,7)
(11,13)
PS D:\VIT\class room\3rd Sem\JAVA\lab> |
```

## PACKAGES AND FILES:

