OOP with Java Machine Test - 15

March-24/ OOP\_with\_JAVA/015 Time: 02:00hrs

OOP with Java

Diploma in Advance Computing

March 2024

Q1. Create a class Prime. The class Prime should contain a single method checkPrime. The editor will call the checkPrime method with one or more integer arguments. You should write the checkPrime method in such a way that the code prints only the prime numbers.

Q2. A string containing only parentheses is balanced if the following is true:

1. If it is an empty string

2. If A and B are correct, AB is correct,

3. If A is correct, (A) and {A} and [A] are also correct.

**Sample Input**

{}()

({()})

{}(

[]

**Sample Output**

true

true

false

true