

DAILY ONLINE ACTIVITIES SUMMARY

Date:	9/07/2020	Name:	Prathiksha
Sem & Sec	8 th sem & B sec	USN:	4AL16CS070
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	Understanding CIDR notation.		
Certificate Provider	AWS	Duration	10 min
Coding Challenges			
Problem Statement: 1. Java Program to display first n or first 100 prime numbers.			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Prathiksha	
Uploaded the report in slack		Yes	

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Topic: Understanding CIDR notation.

Coding Challenges Details:

Program 1:

```
import java.util.Scanner;

class PrimeNumberDemo
{
    public static void main(String args[])
    {
        int n;
        int status = 1;
        int num = 3;
        Scanner scanner = new Scanner(System.in);
        System.out.println("Enter the value of n:");
        n = scanner.nextInt();
        if (n >= 1)
        {
            System.out.println("First "+n+" prime numbers are:");
            System.out.println(2);
        }

        for ( int i = 2 ; i <=n ; )
        {
            for ( int j = 2 ; j <= Math.sqrt(num) ; j++ )
            {
                if ( num%j == 0 )
                {
                    status = 0;
                    break;
                }
            }
            if ( status != 0 )
            {
                System.out.println(num);
                i++;
            }
            status = 1;
            num++;
        }
    }
}
```

Output:

Enter the value of n:

15

First 15 prime numbers are:

2

3

5

7

11

13

17

19

23

29

31

37

41

43

47