



LEADING UNIVERSITY, SYLHET

Dept. of Computer Science & Engineering

**An Assignment on
Topic
Constructor & Method Overloading**

Course Code: CSE-2213

Course Title: Object Oriented Programming

Submitted To:

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Date Of Submission:

14.08.21

```

3  class Android{
4      String os,ram,Launchdate;
5      Android(){
6      }
7
8      public Android(String os ,String ram, String Launchdate){
9          this.os=os;
10         this.ram=ram;
11         this.Launchdate=Launchdate;
12     }
13
14     void display() {
15         System.out.println("The Operating System Is: " + os);
16         System.out.println("The Amount of Ram Is: " + ram);
17         System.out.println("Launch Date: " + Launchdate);
18         System.out.println("-----");
19         System.out.println("");
20     }
21 }
22
23
24 public class Task_1 {
25     public static void main(String[] args) {
26         Android phone1 = new Android();
27         phone1.display();
28         Android phone2 = new Android("Nougat (7.0)", "4GB", "2017");
29         phone2.display();
30         Android phone3 = new Android("Oreo (8.0)", "6GB", "2018");
31         phone3.display();
32     }
33 }
34

```

```

package seriesPrinter;

public class SeriesPrinter {

    public int printSeries(int n) {
        System.out.print("printSeries("+n+") -> ");
        for (int i = 0; i < n; i++) {
            System.out.print(i + " ");
        }
        return n;
    }

    public int printSeries(int startindex, int endindex) {
        System.out.print("printSeries("+startindex+", "+endindex + ") -> ");
        for (int i = startindex; i < endindex; i++) {
            System.out.print(i + " ");
        }
        return endindex;
    }

    public int printSeries(int startindex, int endindex, int interval) {
        int i;
        System.out.print("printSeries("+startindex+", "+endindex + ", "+interval+ ") -> ");
        for (i = startindex; i < endindex; i++) {
            System.out.print(i+ " ");
            i = i + (interval-1);
        }
        return endindex;
    }
}

public class Task_2 {

    public static void main(String[] args) {
        SeriesPrinter sp = new SeriesPrinter();

        System.out.println(sp.printSeries(5));
        System.out.println(sp.printSeries(5,10));
        System.out.println(sp.printSeries(5,15,3));
    }
}

```