Name: **Dhiraj Birajdar**
Batch: **1154**
Homework: **loops (Set 2)**

Question:

Questions are printed in method.

Answer:

```
public class Set2 {
    void Q1() {
        System.out.println("\n\nQ1 Generate the series 2's table.");
        for (int i = 2; i <= 20; i+=2) {
            System.out.print(i+", ");
        }
    }
    void Q2() {
        System.out.println("\n\nQ2 Generate the series 9's table");
        for (int i = 9; i <= 90; i+=9) {
            System.out.print(i+", ");
        }
    }
    void Q3() {
        System.out.println("\n\nQ3 Generate the series 1, -2, 3,
-4....-10");
        for (int i = 1; i <= 10; i++)
            if(i%2==0)
                System.out.print(0-i+", ");
            else
                System.out.print(i+", ");
    }
    void Q4() {
        System.out.println("\n\nQ4 Generate the series 5's table");
        for (int i = 5; i <= 50; i += 5)
            System.out.print(i+", ");
```

```
    }
    void Q5() {
        System.out.println("\n\nQ5 Generate the series 1, 10, 100,
1000");
        for (int i = 1; i <= 1000; i *= 10)
            System.out.print(i+", ");
    }
//    incomplete
    void Q6() {
        System.out.println("\n\nQ6 Generate the series
1,3,6,10,15,21,28,36,45");
        int s = 0;
        for(int i = 1; i<10; i++)
            System.out.print((s+=i)+", ");
    }
    void Q7() {
        System.out.println("\n\nQ7 Generate the series 8's table");
        for (int i = 8; i <= 80; i+=8)
            System.out.print(i+", ");
    }
    void Q8() {
        System.out.println("\n\nQ8 Generate the series
0,1,1,2,3,5,8,13,21");
        int f1=0, f2=1, f3;
        System.out.print("0, 1, ");
        for (int i = 1; i <= 8; i++) {
            f3 = f1+f2;
            f1 = f2;
            f2 = f3;
            System.out.print(f3+", ");
        }
    }
    void Q9() {
```

```
        System.out.println("\n\nQ9 Generate the series squares of 1 to
10");
        for(int i = 1; i<=10; i++)
            System.out.print(i*i+", ");
    }
    void Q10() {
        System.out.println("\n\nQ10 Generate the series 3's table");
        for (int i = 3; i <= 30; i+=3)
                System.out.print(i+", ");
    }
    void Q11() {
        System.out.println("\n\nQ11 Generate the series 7's table");
        for (int i = 7; i <= 70; i+=7)
                System.out.print(i+", ");
    }
    void Q12() {
        System.out.println("\n\nQ12 Generate the series 4's table");
        for (int i = 4; i <= 40; i+=4)
                System.out.print(i+", ");
    }
    void Q13() {
        System.out.println("\n\nQ13 Generate the series 10's table");
        for (int i = 10; i <= 100; i+=10)
                System.out.print(i+", ");
    }
    void Q14() {
        System.out.println("\n\nQ14 Generate the series 1 2 3 4 5 4 3
2 1");
        String s = "5";
        for(int i = 4; i >= 1; i--)
            s = (i+" "+s+" "+i);
        System.out.print(s);
    }
```

```
    void Q15() {
        System.out.println("\n\nQ15 Generate the series 6's table");
        for (int i = 6; i <= 60; i+=6)
                System.out.print(i+", ");
    }
}
```

```
public class TestSet2 {
    public static void main(String[] args) {
        Set2 s2 = new Set2();
        s2.Q1();
        s2.Q2();
        s2.Q3();
        s2.Q4();
        s2.Q5();
        s2.Q6();
        s2.Q7();
        s2.Q8();
        s2.Q9();
        s2.Q10();
        s2.Q11();
        s2.Q12();
        s2.Q13();
        s2.Q14();
        s2.Q15();
    }
}
```