

Name: Dhiraj Birajdar  
Batch: 1154  
Homework: loops (Set 1)

Question:

Questions are printed in method.

Answer:

```
public class Set1 {  
    void Q1() {  
        System.out.println("\n\nQ1 WAP to print 1 to 25.");  
        for (int i = 1; i <= 25; i++) {  
            System.out.print(i+", ");  
        }  
    }  
    void Q2() {  
        System.out.println("\n\nQ2 WAP to print 25 to 1.");  
        for (int i = 25; i >= 1; i--) {  
            System.out.print(i+", ");  
        }  
    }  
    void Q3() {  
        System.out.println("\n\nQ3 WAP 1 to 100 odd numbers.");  
        for (int i = 1; i <= 100; i += 2)  
            System.out.print(i+", ");  
    }  
    void Q4() {  
        System.out.println("\n\nQ4 WAP 1 to 100 even numbers.");  
        for (int i = 2; i <= 100; i += 2)  
            System.out.print(i+", ");  
    }  
    void Q5() {  
        System.out.println("\n\nQ5 WAP to print sum of 1 to 50 odd  
numbers.");  
    }  
}
```

```
    int s = 0;
    for (int i = 1; i <= 50; i += 2)
        s += i;
    System.out.print("Sum of 1 to 50 odd numbers: " + s);
}

void Q6() {
    System.out.println("\n\nQ6 WAP to print sum of 1 to 50 even numbers.");
    int s = 0;
    for (int i = 2; i <= 50; i += 2)
        s += i;
    System.out.print("Sum of 1 to 50 even numbers: " + s);
}

void Q7() {
    System.out.println("\n\nQ7 WAP to print -45 to 45.");
    for (byte b = -45; b <= 45; b++)
        System.out.print(b+", ");
}

void Q8() {
    System.out.println("\n\nQ8 WAP to print 50 to 100");
    for (int i = 50; i <= 100; i++)
        System.out.print(i+", ");
}

void Q9() {
    System.out.println("\n\nQ9 WAP to print sum of odd and even numbers.");
    int so = 0, se = 0;
    for (int i = 1; i <= 100; i++)
        if (i % 2 == 0)
            se += i;
        else
            so += i;
    System.out.println("Sum of 1 to 100 odd numbers: " + so);
}
```

```

        System.out.print("Sum of 1 to 100 even numbers: " + se);
    }
    void Q10() {
        System.out.println("\n\nQ10 WAP to print even and odd
number.");
        for (int i = 1; i <= 10; i++)
            if (i % 2 == 0)
                System.out.println("Even: " + i);
            else
                System.out.println("Odd: " + i);
    }
    void Q11() {
        System.out.println("\n\nQ11 WAP to print 1 to 100.");
        for (int i = 1; i <= 100; i++)
            System.out.print(i+", ");
    }
    void Q12() {
        System.out.println("\n\nQ12 WAP to print 100 to 1.");
        for (int i = 100; i >= 1; i--)
            System.out.print(i+", ");
    }
    void Q13() {
        System.out.println("\n\nQ13 WAP to print 30 to 50.");
        for (int i = 30; i <= 50; i++)
            System.out.print(i+", ");
    }
    void Q14() {
        System.out.println("\n\nQ14 WAP to print count of even
numbers from 1 to 25.");
        int c = 0;
        for (int i = 1; i <= 25; i++)
            if (i % 2 == 0)
                c++;
    }

```

```

        System.out.print("Count of even numbers from 1 to 25: " + c);
    }
    void Q15() {
        System.out.println("\n\nQ15 WAP to print count of odd
numbers from 1 to 25.");
        int c = 0;
        for (int i = 1; i <= 25; i++)
            if (i % 2 != 0)
                c++;
        System.out.print("Count of odd numbers from 1 to 25: " + c);
    }
}

```

```

public class TestSet1 {
    public static void main(String[] args) {
        Set1 s1 = new Set1();
        s1.Q1();
        s1.Q2();
        s1.Q3();
        s1.Q4();
        s1.Q5();
        s1.Q6();
        s1.Q7();
        s1.Q8();
        s1.Q9();
        s1.Q10();
        s1.Q11();
        s1.Q12();
        s1.Q13();
        s1.Q14();
        s1.Q15();
    }
}

```

