

CMPE 101 - Intermediate Programming

Worksheet(Week-05C)

Part I

Rewrite the following nested **for** statements, using nested **do-while** and **while** statements.

```
total=0;
numbers=0;
for (int i=-10; i<=0; i++){

    for( int j=-20; j<= i; j--) {
        numbers++;
        total=total + (j-i);
    }
}
```

Part II

Write a method that takes two integer numbers, m and n, as parameters, and returns averages of all even numbers between m and n.

Part III

```
class Dolapdere {
    private String street;
    private int age;
    private double area;

}

public static void main( String [ ]args) {
```

```
// write constructors that you can create instances as following:

Dolapdere d= new Santral("Dolapdere");
Dolapdere d1= new Santral("Ankara", 1997);
Dolapdere d2= new Santral("Taksim", 3000, 23.57);
Dolapdere d3= new Santral();

System.out.println(d);
System.out.println(d1);
System.out.println(d2);
System.out.println(d3);

} // end of the main
// end of the class
```

Bonus Question:

Write a new class and try to execute following code segment, suppose you have the **Dolapdere** class.

```
class Test {
    public static void main( String [ ]args) {

        // write constructors that you can create instances as following:

        Dolapdere d= new Santral("Dolapdere");
        Dolapdere d1= new Santral("Ankara", 1997);
        Dolapdere d2= new Santral("Taksim", 3000, 23.57);
        Dolapdere d3= new Santral();

        System.out.println(d);
        System.out.println(d1);
        System.out.println(d2);
        System.out.println(d3);

    } // end of the main

} // end of the class
```