# PERTEMUAN 12

LOOPING ( DO – WHILE )

# Do While

- Pernyataan **do** ... **while** pada dasarnya merupakan pernyataan while terbalik, dengan bentuk.
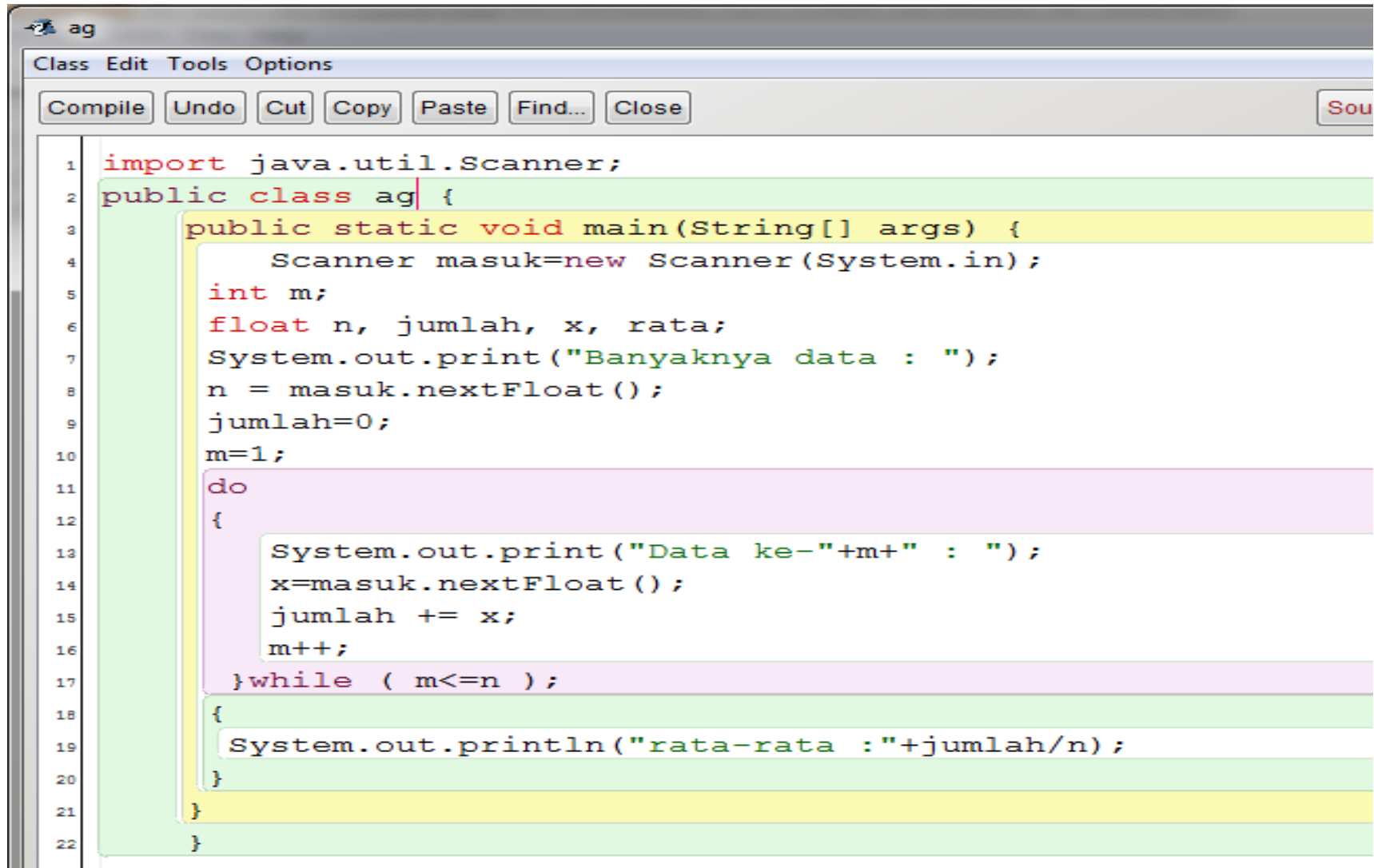
  ***do*** *perintah* ***while*** *suatu_kondisi);*

# Do While



```
class DoWhile1{
    public static void main(String [] args){
        //int a = 1;
        int i=0;
        do{

            i++ ;
            System.out.println(i);
            // i++ ;
        }
        while (i<10);

    }
}
```

**Outputnya**

BlueJ: Terminal

Options

1
2
3
4
5
6
7
8
9
10

# Do While Menggunakan Scanner

```java
import java.util.Scanner;
public class ag {
    public static void main(String[] args) {
        Scanner masuk=new Scanner(System.in);
        int m;
        float n, jumlah, x, rata;
        System.out.print("Banyaknya data : ");
        n = masuk.nextFloat();
        jumlah=0;
        m=1;
        do
        {
            System.out.print("Data ke-"+m+" : ");
            x=masuk.nextFloat();
            jumlah += x;
            m++;
        }while ( m<=n );
        {
         System.out.println("rata-rata :"+jumlah/n);
        }
    }
}
```

# Do While Menggunakan Scanner

```java
import java.util.Scanner;
class ah {
public static void main(String [] args){
        Scanner input = new Scanner(System.in);

        float a,b;
        String u;
        do{
        System.out.print("Masukkan Angka 1: ");
        a = input.nextFloat();

        System.out.print("Masukkan Angka 2: ");
        b = input.nextFloat();

        System.out.println("");
        System.out.println(a+ " + " +b+" = "+(a+b));
        System.out.println(a+ " - " +b+" = "+(a-b));
        System.out.println(a+ " x " +b+" = "+(a*b));
        System.out.println(a+ " ; " +b+" = "+(a/b));
        System.out.println(a+ " mod " +b+" = "+(a%b));

        System.out.print("\n Ulang (y/n)= ");
        u =input.next();
        }while(u.equals("y"));
    }

}
```