

# PERTEMUAN 11

LOOPING ( WHILE )

# WHILE

- Pernyataan **while** telah diperkenalkan pada bagian sebelumnya. Perulangan **while** memiliki bentuk

```
while (suatu_kondisi) perintah
```

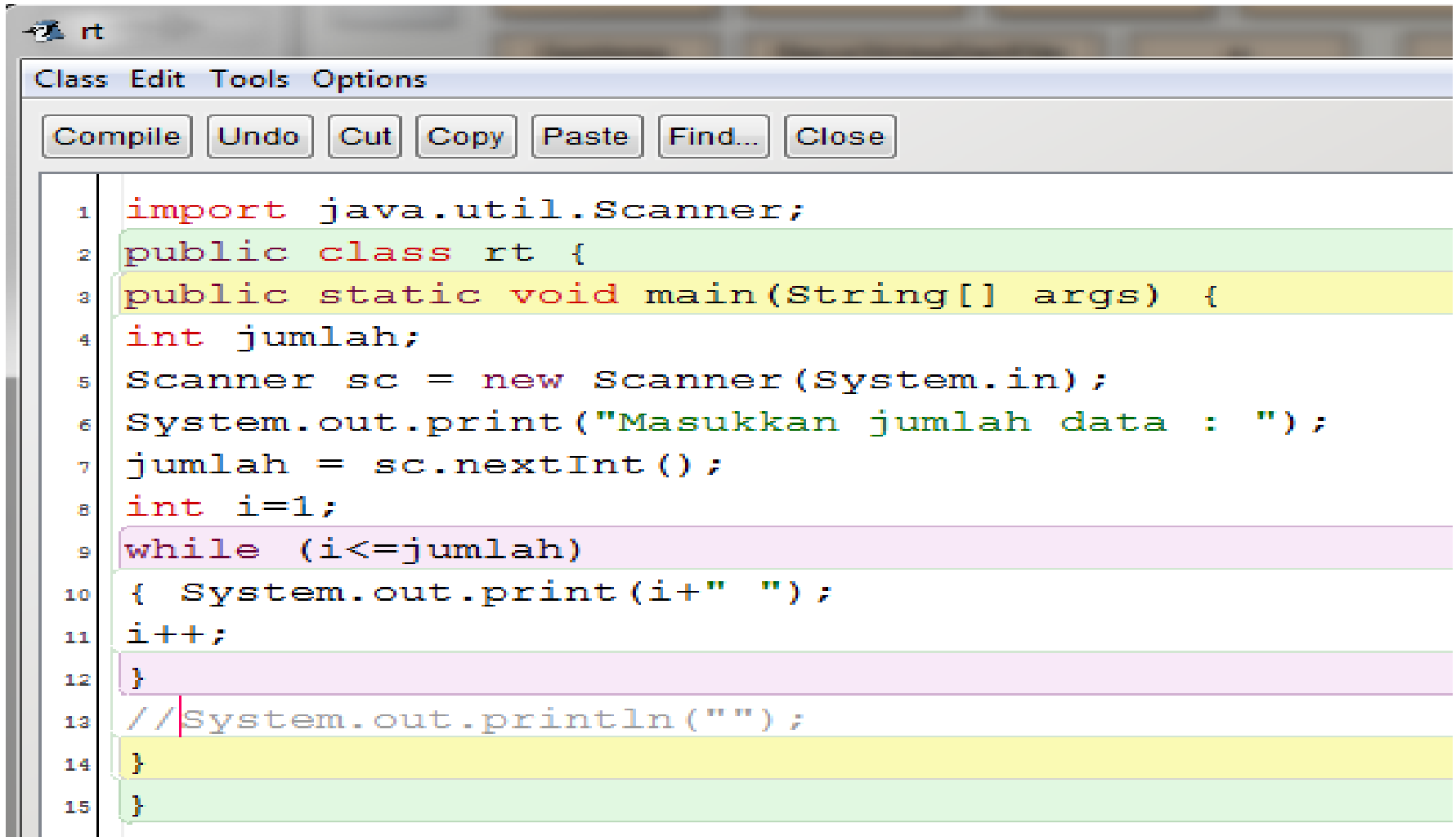
# Contoh Coding While

```
while
Class Edit Tools Options
Compile Undo Cut Copy Paste Find... Close
1 public class while
2 {
3     public static void main(String[] args)
4     {
5         int i=0;
6         while (i<5)
7         {
8             System.out.println(i);
9             i++;
10        }
11    }
12 }
13
14
15
16 }
```

outputnya

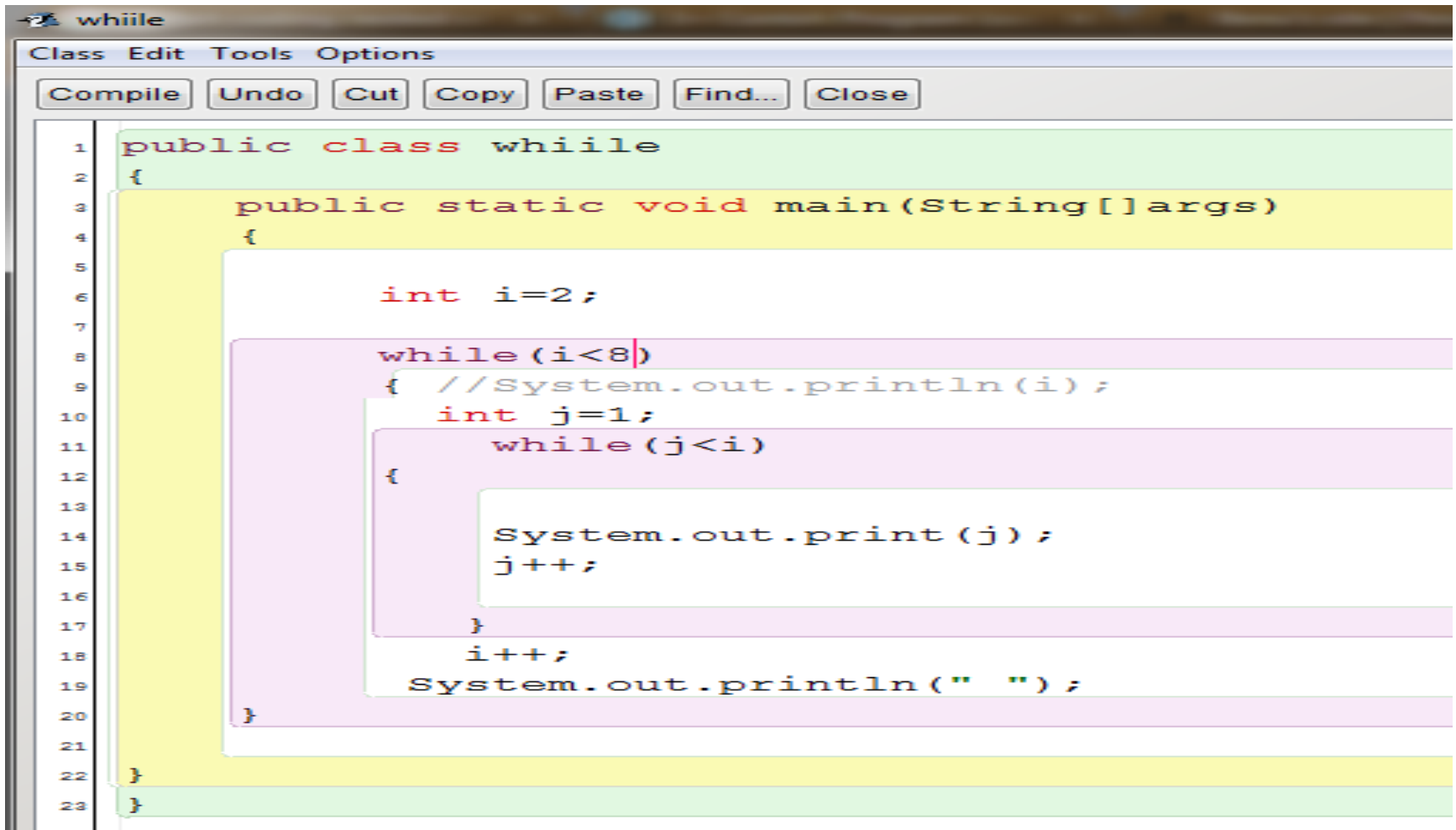
```
BlueJ: Term
Options
0
1
2
3
4
```

# Contoh coding while inputan Scanner



```
rt
Class Edit Tools Options
Compile Undo Cut Copy Paste Find... Close
1 import java.util.Scanner;
2 public class rt {
3     public static void main(String[] args) {
4         int jumlah;
5         Scanner sc = new Scanner(System.in);
6         System.out.print("Masukkan jumlah data : ");
7         jumlah = sc.nextInt();
8         int i=1;
9         while (i<=jumlah)
10        { System.out.print(i+" ");
11        i++;
12        }
13        //System.out.println("");
14    }
15 }
```

# Contoh Coding While Bersarang



```
while
Class Edit Tools Options
Compile Undo Cut Copy Paste Find... Close
1 public class while
2 {
3     public static void main(String[] args)
4     {
5         int i=2;
6         while (i<8)
7         { //System.out.println(i);
8             int j=1;
9             while (j<i)
10            {
11                System.out.print(j);
12                j++;
13            }
14            i++;
15            System.out.println(" ");
16        }
17    }
18 }
19 }
20 }
21 }
22 }
23 }
```