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1.

## Source Code

```

StartPage x nomor_1.java x nomor_2.java x nomor_3.java x
Source History
1 import java.util.*;
2 public class nomor_1 {
3     public static void main(String[] args) {
4         Scanner input = new Scanner(System.in);
5         System.out.println("===== TOP UP PULSA =====");
6         System.out.print("Nama Pelanggan : "); //input nama pelanggan
7         String nama = input.nextLine();
8         System.out.println("=====");
9         System.out.println(" " + nama + " top up pulsa sebanyak : "); //menampilkan nama dari inputan
10        System.out.println("1. Rp. 150.000");
11        System.out.println("2. Rp. 100.000");
12        System.out.println("3. Rp. 50.000");
13        System.out.println("4. Rp. 25.000");
14        System.out.println("=====");
15        System.out.print("Pilih Angka diatas : ");
16        int masuk = Integer.parseInt(input.nextLine());
17        int bonus, sms, total, awal;
18        switch (masuk){
19            case 1 :
20                awal = 25000;
21                System.out.println("=====");
22                System.out.println("Pulsa Awal Rp." +awal);
23                System.out.println("=====");
24                bonus = 15000;
25                total = 150000 + bonus + awal;
26                sms = 150;
27                System.out.println("Isi pulsa Rp. 150.000\nPulsa Bonus Rp. " +bonus+
28                " \nTotal Pulsa Rp. " +total+ " \nBonus SMS sebanyak " +sms);
29                System.out.println("=====");
30                break;
31            case 2 :
32                awal = 25000;
33                System.out.println("=====");
34                System.out.println("Pulsa Awal Rp." +awal);
35                System.out.println("=====");
36                bonus = 10000;
37                total = 100000 + bonus + awal;
38                sms = 100;
39                System.out.println("Isi pulsa Rp. 100.000\nPulsa Bonus Rp. " +bonus+
40                " \nTotal Pulsa Rp. " +total+ " \nBonus SMS sebanyak " +sms);
41                System.out.println("=====");
42                break;
43            case 3 :
44                awal = 25000;
45                System.out.println("=====");
46                System.out.println("Pulsa Awal Rp." +awal);
47                System.out.println("=====");
48                bonus = 0;
49                total = 50000 + bonus + awal;
50                sms = 50;
51                System.out.println("Isi pulsa Rp. 50.000\nPulsa Bonus Rp. " +bonus+
52                " [tanpa bonus]\nTotal Pulsa Rp. " +total+ " \nBonus SMS sebanyak " +sms);
53                System.out.println("=====");
54                break;

```

```

55         case 4 :
56             awal = 25000;
57             System.out.println("===== TOP UP PULSA =====");
58             System.out.println("Pulsa Awal Rp." +awal);
59             System.out.println("=====");
60             bonus = 0;
61             total = 25000 + bonus + awal;
62             System.out.println("Isi pulsa Rp. 25.000\nPulsa Bonus Rp. " +bonus+
63                 " [tanpa bonus]\nTotal Pulsa Rp. " +total+ " \nTidak memperoleh Bonus SMS");
64             System.out.println("=====");
65             break;
66         default :
67             System.out.println("=====");
68             System.out.println("Tidak ada dalam daftar pilihan ");
69             System.out.println("=====");
70             break;
71     }
72     System.out.println();
73 }
74
75 }
76

```

## Output

```

Output - UTS (run) X
run:
===== TOP UP PULSA =====
Nama Pelanggan : Bintang
=====
Bintang top up pulsa sebanyak :
1. Rp. 150.000
2. Rp. 100.000
3. Rp. 50.000
4. Rp. 25.000
=====
Pilih Angka diatas : 1
=====
Pulsa Awal Rp.25000
=====
Isi pulsa Rp. 150.000
Pulsa Bonus Rp. 15000
Total Pulsa Rp. 190000
Bonus SMS sebanyak 150
=====

BUILD SUCCESSFUL (total time: 8 seconds)

```

```

Output - UTS (run) X
run:
===== TOP UP PULSA =====
Nama Pelanggan : Karinna
=====
Karinna top up pulsa sebanyak :
1. Rp. 150.000
2. Rp. 100.000
3. Rp. 50.000
4. Rp. 25.000
=====
Pilih Angka diatas : 2
=====
Pulsa Awal Rp.25000
=====
Isi pulsa Rp. 100.000
Pulsa Bonus Rp. 10000
Total Pulsa Rp. 135000
Bonus SMS sebanyak 100
=====

BUILD SUCCESSFUL (total time: 25 seconds)

```

```

Output - UTS (run) X
run:
===== TOP UP PULSA =====
Nama Pelanggan : Birru
=====
Birru top up pulsa sebanyak :
1. Rp. 150.000
2. Rp. 100.000
3. Rp. 50.000
4. Rp. 25.000
=====
Pilih Angka diatas : 3
=====
Pulsa Awal Rp.25000
=====
Isi pulsa Rp. 50.000
Pulsa Bonus Rp. 0 [tanpa bonus]
Total Pulsa Rp. 75000
Bonus SMS sebanyak 50
=====

BUILD SUCCESSFUL (total time: 12 seconds)

```

```

Output - UTS (run) X
run:
===== TOP UP PULSA =====
Nama Pelanggan : Ann
=====
Ann top up pulsa sebanyak :
1. Rp. 150.000
2. Rp. 100.000
3. Rp. 50.000
4. Rp. 25.000
=====
Pilih Angka diatas : 4
=====
Pulsa Awal Rp.25000
=====
Isi pulsa Rp. 25.000
Pulsa Bonus Rp. 0 [tanpa bonus]
Total Pulsa Rp. 50000
Tidak memperoleh Bonus SMS
=====

BUILD SUCCESSFUL (total time: 22 seconds)

```

```
Output - UTS (run) X
run:
===== TOP UP PULSA =====
Nama Pelanggan : Bryan
=====
Bryan top up pulsa sebanyak :
1. Rp. 150.000
2. Rp. 100.000
3. Rp. 50.000
4. Rp. 25.000
=====
Pilih Angka diatas : 5
=====
Tidak ada dalam daftar pilihan
=====

BUILD SUCCESSFUL (total time: 59 seconds)
```

2.

## Source Code

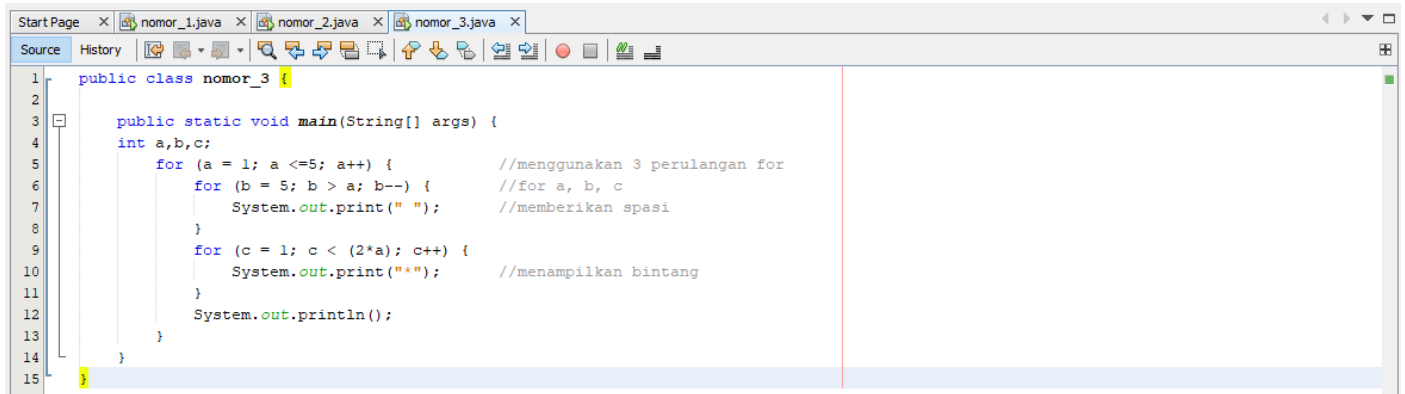
```
Start Page X nomor_1.java X nomor_2.java X nomor_3.java X
Source History
1 public class nomor_2 {
2     public static void main(String[] args) {
3         int[] bilangan={1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20}; //membuat variabel dengan array
4         System.out.println("===== Nilai 1 - 20 =====");
5         System.out.println("1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20");
6         System.out.println(" ");
7         System.out.println("===== Bilangan Genap =====");
8         for(int i=0; i<bilangan.length; i++){ //mengambil data array dengan perulangan for
9             if(bilangan[i]% 2 ==0){ //jika data array bilangan habis dibagi 2 = 0
10                 System.out.print(bilangan[i] + " ");
11             }
12         }
13         System.out.println(" ");
14         System.out.println(" ");
15         System.out.println("===== Bilangan ganjil =====");
16         for(int i=0; i<bilangan.length; i++){
17             if(bilangan[i] % 2!=0){ //jika data array bilangan tidak habis dibagi 2 = 0
18                 System.out.print(bilangan[i] + " ");
19             }
20         }
21         System.out.println("");
22     }
23 }
```

## Output

```
Output - UTS (run) X
run:
===== Nilai 1 - 20 =====
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
=====
===== Bilangan Genap =====
2 4 6 8 10 12 14 16 18 20
=====
===== Bilangan ganjil =====
1 3 5 7 9 11 13 15 17 19
BUILD SUCCESSFUL (total time: 0 seconds)
```

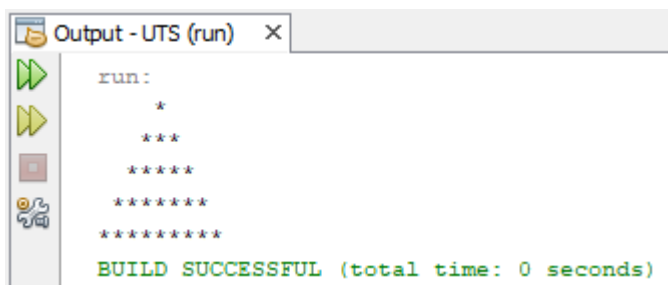
### 3.

## Source Code



```
1 public class nomor_3 {
2
3     public static void main(String[] args) {
4         int a,b,c;
5         for (a = 1; a <=5; a++) {           //menggunakan 3 perulangan for
6             for (b = 5; b > a; b--) {       //for a, b, c
7                 System.out.print(" ");    //memberikan spasi
8             }
9             for (c = 1; c < (2*a); c++) {
10                 System.out.print("*");    //menampilkan bintang
11             }
12             System.out.println();
13         }
14     }
15 }
```

## Output



```
run:
 *
  **
 ***
****
*****
*****
*****
*****
*****
*****
BUILD SUCCESSFUL (total time: 0 seconds)
```