

TUGAS KELOMPOK
PEMROGRAMAN DASAR IF1A



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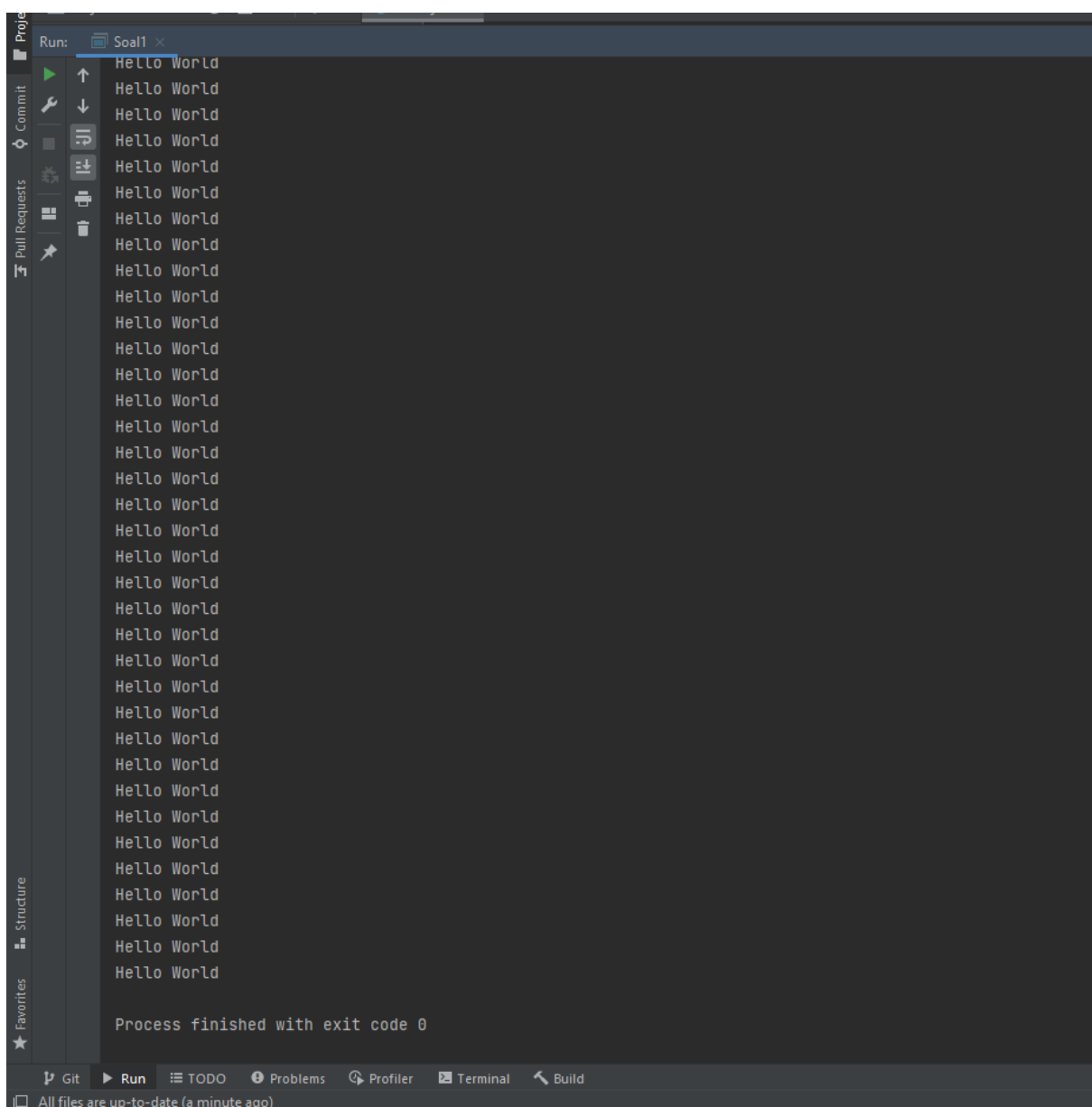
UNIVERSITAS MULTI DATA PALEMBANG

1	2	21	4	41	2	61	3	81	6
2	2	22	4	42	2	62	6	82	6
3	2	23	5	43	3	63	5	83	6
4	2	24	5	44	3	64	5	84	6
5	2	25	5	45	3	65	6	85	5
6	2	26	3	46	3	66	6	Total 350 Poin	
7	2	27	3	47	4	67	3		
8	2	28	3	48	5	68	6		
9	2	29	3	49	4	69	6		
10	2	30	4	50	4	70	6		
11	2	31	4	51	6	71	6		
12	2	32	4	52	6	72	6		
13	3	33	4	53	5	73	6		
14	3	34	2	54	6	74	6		
15	4	35	2	55	4	75	6		
16	4	36	5	56	4	76	5		
17	3	37	4	57	5	77	6		
18	4	38	4	58	6	78	5		
19	3	39	2	59	6	79	6		
20	3	40	2	60	6	80	6		

Soal 1 (2 poin)

1. Menampilkan 100 buah kalimat Hello World.

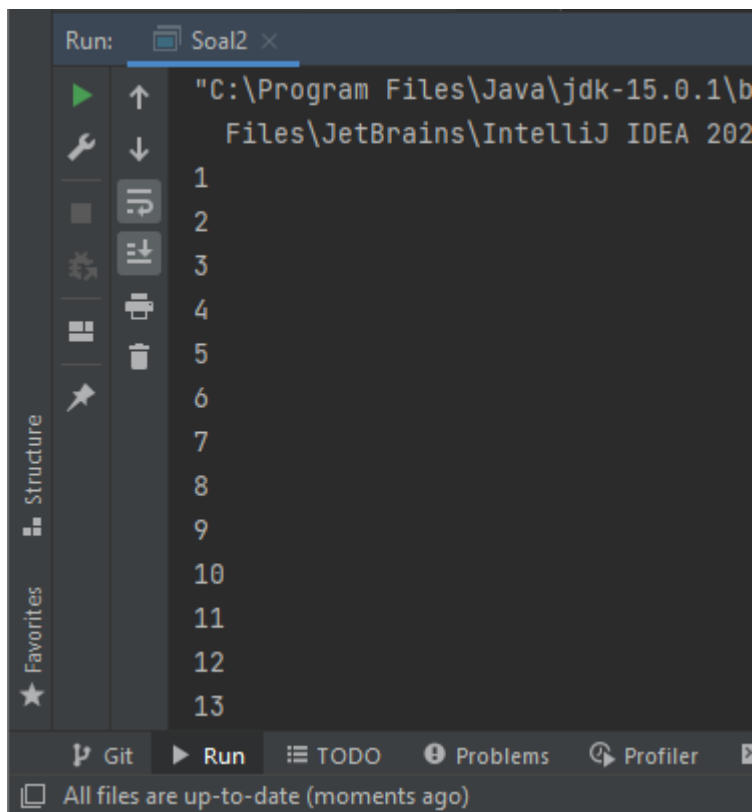
```
public class Soal1 {  
    public static void main(String[] args) {  
        int i=1;  
        while (i<=100){  
            System.out.println("Hello World");  
            i++;  
        }  
    }  
}
```



Soal 2 (2 poin)

2. Menampilkan angka 1 sampai dengan 100.

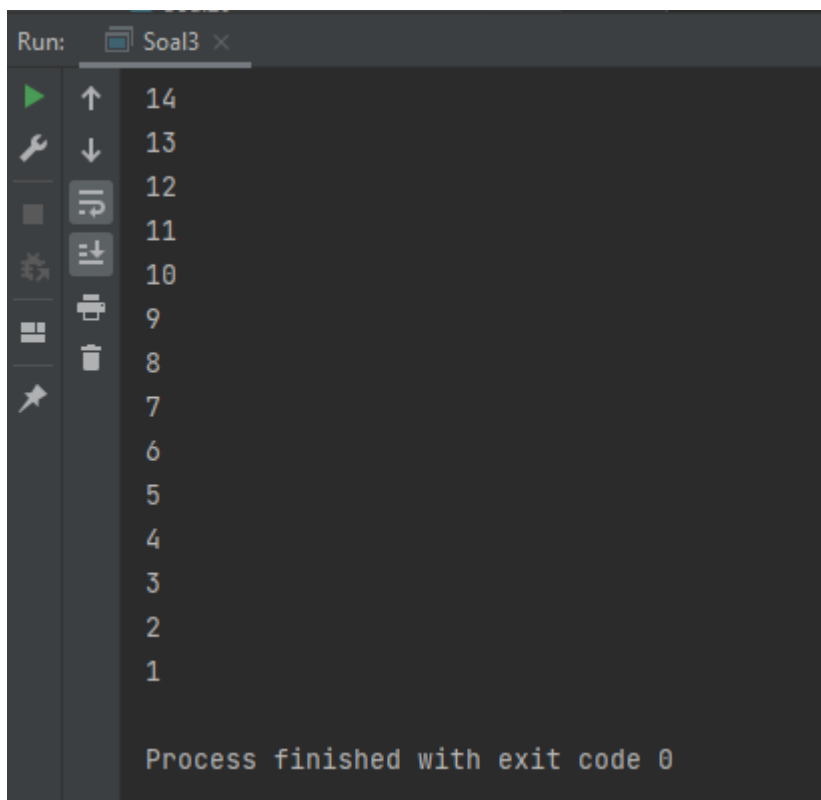
```
public class Soal2 {  
    public static void main(String[] args) {  
        int i=1;  
        while(i<=100){  
            System.out.println(i);  
            ; i++;  
        }  
    }  
}
```



Soal 3 (2 poin)

3. Menampilkan angka 100 sampai dengan 1.

```
public class Soal3 {  
    public static void main(String[] args) {  
        int i=100;  
        while ( i>=1 ){  
            System.out.println(i);  
            i--;  
        }  
    }  
}
```



Run: Soal3 x

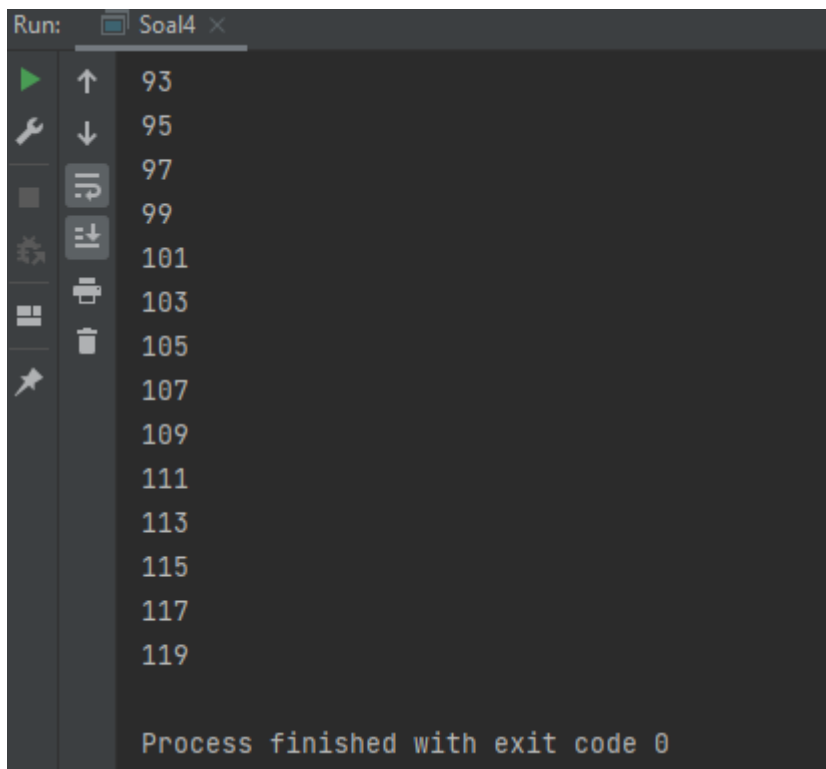
↑ 14
↓ 13
↺ 12
↻ 11
↷ 10
↻ 9
↻ 8
↻ 7
↻ 6
↻ 5
↻ 4
↻ 3
↻ 2
↻ 1

Process finished with exit code 0

Soal 4 (2 poin)

4. Menampilkan bilangan ganjil diantara 30 dan 120.

```
public class Soal4 {  
    public static void main(String[] args) {  
        int i=30;  
        while( i<120) {  
            i++;  
            if(i%2==1) {  
                System.out.println(i);  
            }  
        }  
    }  
}
```



Run: Soal4 x

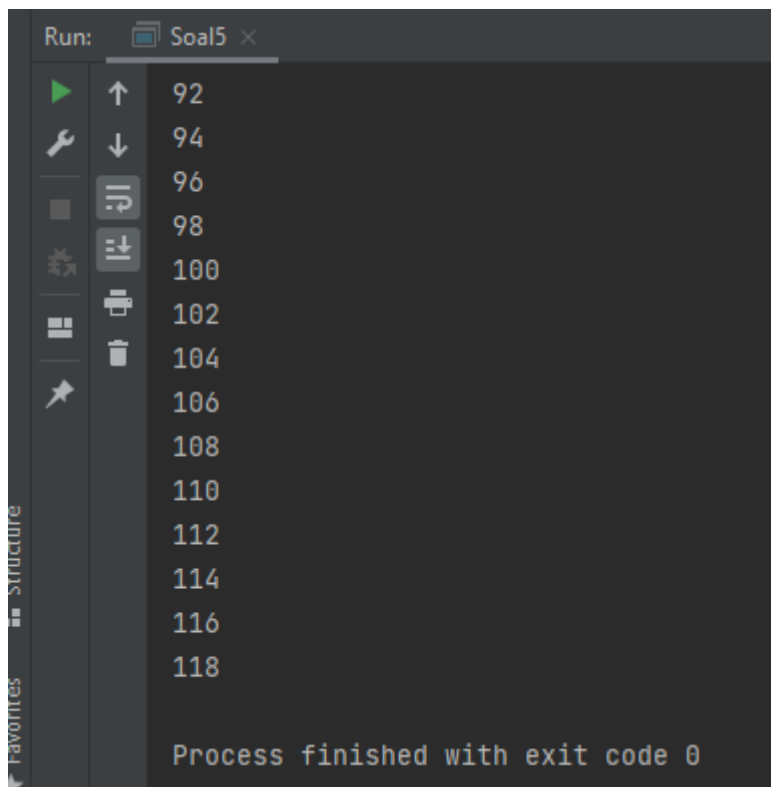
93
95
97
99
101
103
105
107
109
111
113
115
117
119

Process finished with exit code 0

Soal 5 (2 poin)

5. Menampilkan bilangan genap diantara 30 dan 120.

```
public class Soal5 {  
    public static void main(String[] args) {  
        int i=31;  
        while( i<118) {  
            i++;  
            if(i%2==0) {  
                System.out.println(i);  
            }  
        }  
    }  
}
```



Run: Soal5 x

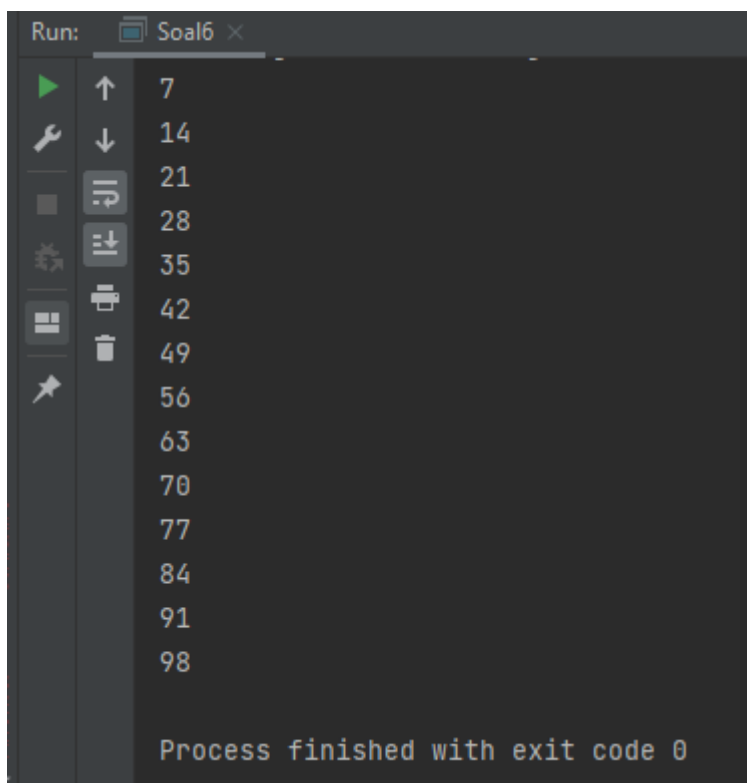
92
94
96
98
100
102
104
106
108
110
112
114
116
118

Process finished with exit code 0

Soal 6 (2 poin)

6. Menampilkan bilangan kelipatan 7 antara 1 sampai dengan 100.

```
public class Soal6 {  
    public static void main(String[] args) {  
        int i=1;  
        while(i<=100) {  
            i++;  
            if(i%7==0) {  
                System.out.println(i);  
            }  
        }  
    }  
}
```



Run: Soal6 x

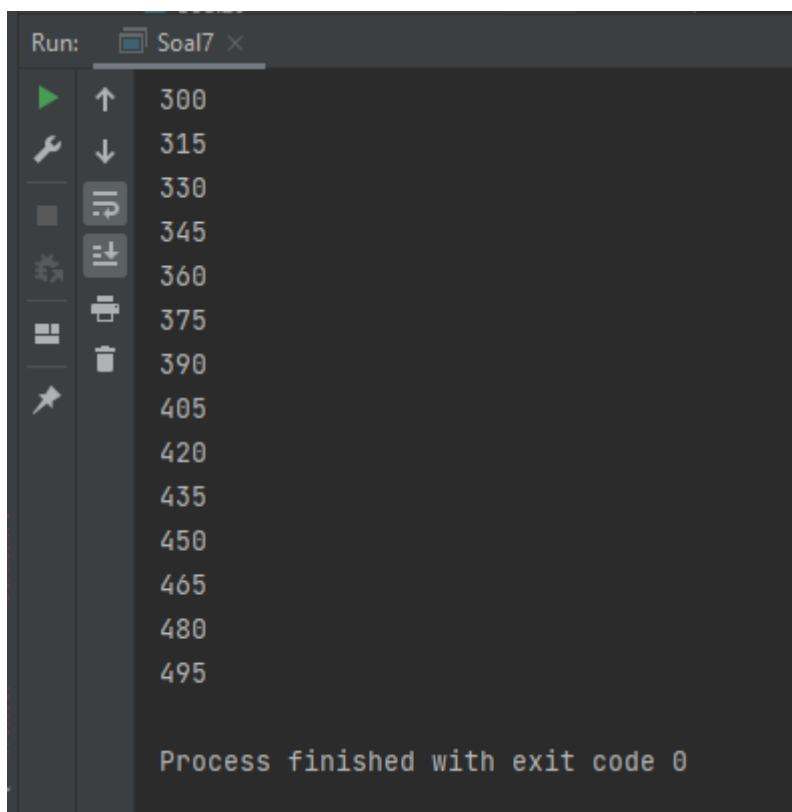
7
14
21
28
35
42
49
56
63
70
77
84
91
98

Process finished with exit code 0

Soal 7 (2 poin)

7. Menampilkan bilangan kelipatan 15 antara 1 sampai dengan 500.

```
public class Soal7 {  
    public static void main(String[] args) {  
        int i=1;  
        while(i<=500){  
            i++;  
            if(i%15==0) {  
                System.out.println(i);  
            }  
        }  
    }  
}
```



Run: Soal7 x

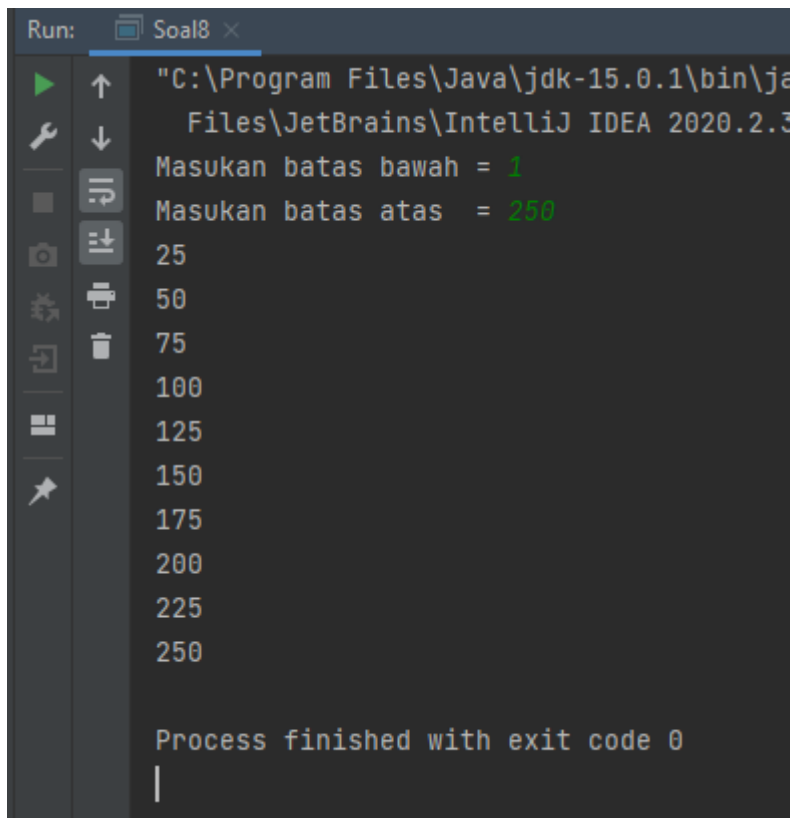
300
315
330
345
360
375
390
405
420
435
450
465
480
495

Process finished with exit code 0

Soal 8 (2 poin)

8. Menampilkan bilangan kelipatan 25 dari batas bawah dan batas atas yang diinput oleh user.

```
import java.io.*;
public class Soal8 {
    public static void main(String[] args) throws IOException{
        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));
        int batasbawah=0;
        int batasatas=0;
        System.out.print("Masukan batas bawah\t= ");
        batasbawah=Integer.parseInt(br.readLine());
        System.out.print("Masukan batas atas\t= ");
        batasatas=Integer.parseInt(br.readLine());
        int i=batasbawah;
        while(i<=batasatas) {
            i++;
            if(i%25==0) {
                System.out.println(i);
            }
        }
    }
}
```



Run: Soal8 x

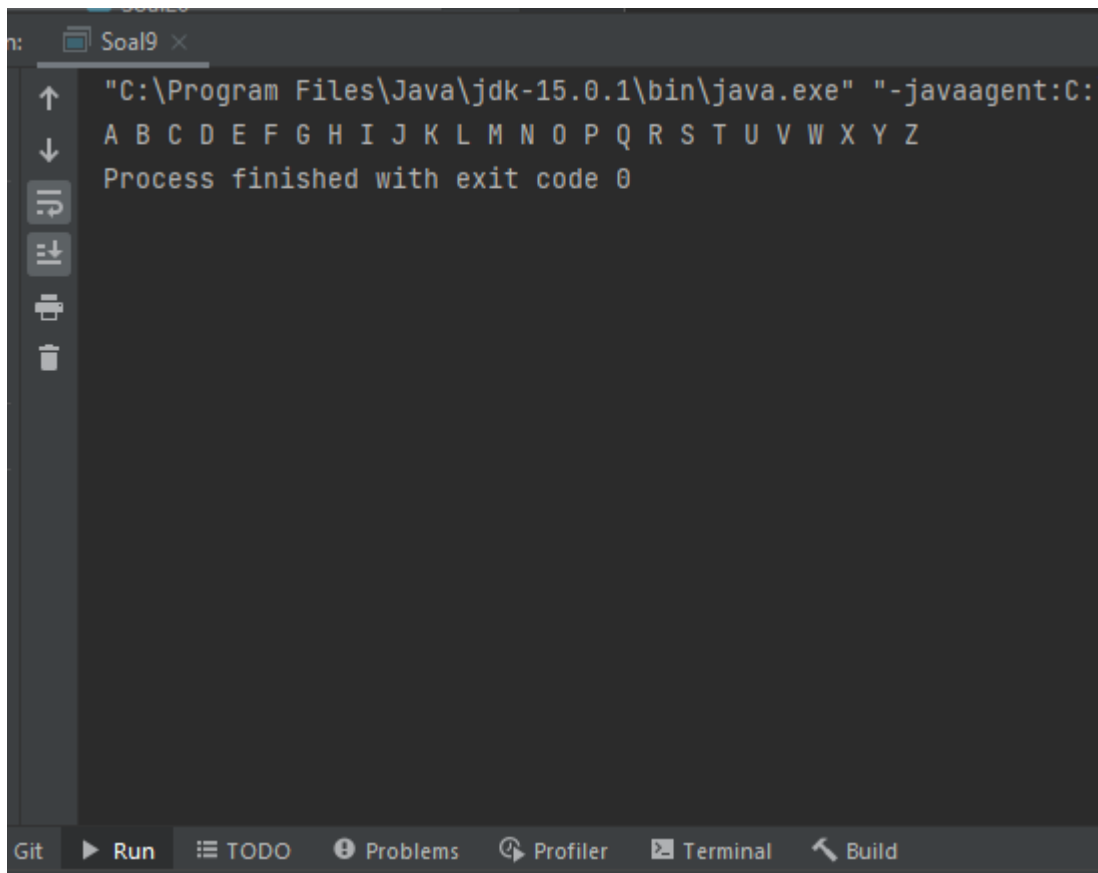
```
"C:\Program Files\Java\jdk-15.0.1\bin\ja
Files\JetBrains\IntelliJ IDEA 2020.2.3
Masukan batas bawah = 1
Masukan batas atas = 250
25
50
75
100
125
150
175
200
225
250

Process finished with exit code 0
|
```

Soal 9 (2 poin)

9. Menampilkan huruf A sampai dengan Z.

```
public class Soal9 {  
    public static void main(String[] args) {  
        char i = '@';  
        while(i < 'Z') {  
            i++;  
            System.out.print(i + " ");  
        }  
    }  
}
```



The screenshot shows an IDE window titled "Soal9". The terminal output is as follows:

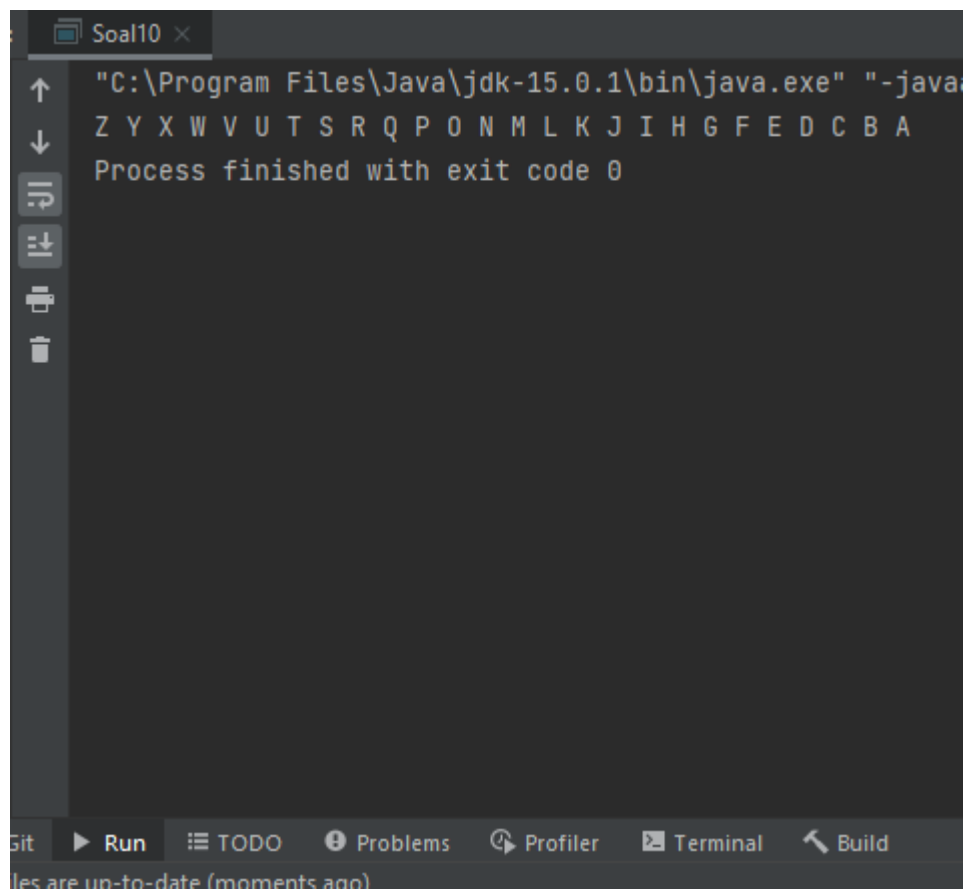
```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-javaagent:C:  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
Process finished with exit code 0
```

The IDE interface includes a sidebar with icons for navigation and a bottom status bar with buttons for "Git", "Run", "TODO", "Problems", "Profiler", "Terminal", and "Build".

Soal 10 (2 poin)

10. Menampilkan huruf Z sampai dengan A.

```
public class Soal10{  
    public static void main(String[] args) {  
        char i = '[';  
        while(i>'A') {  
            i--;  
            System.out.print(i+" ");  
        }  
    }  
}
```



```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-java  
Z Y X W V U T S R Q P O N M L K J I H G F E D C B A  
Process finished with exit code 0
```

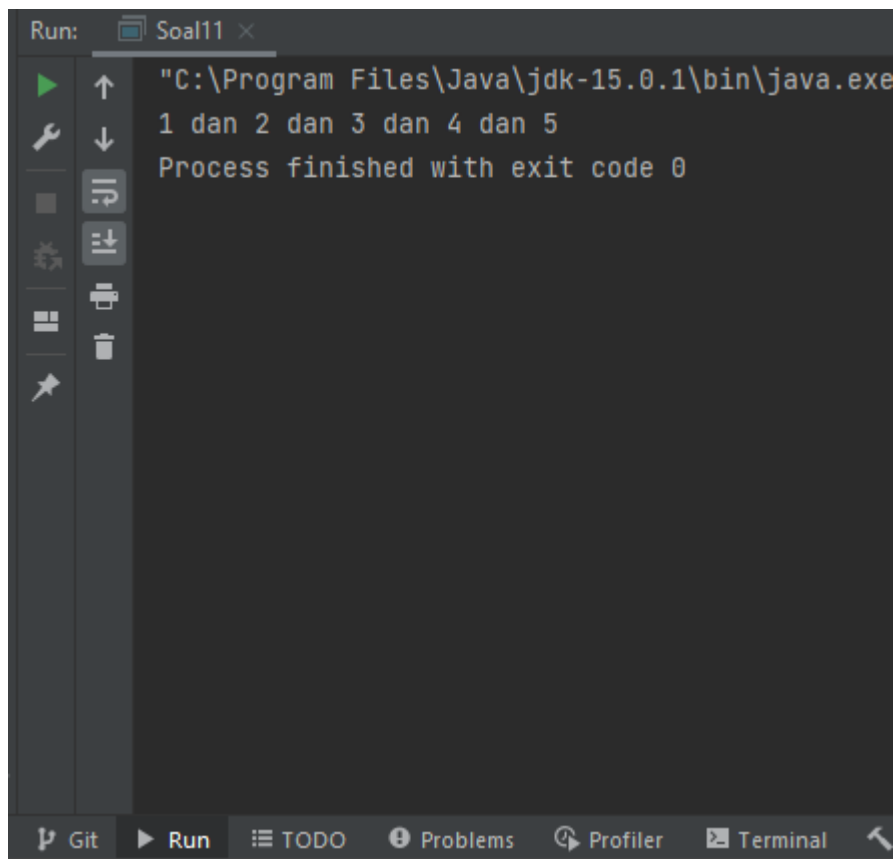
The screenshot shows an IDE window titled 'Soal10'. The terminal output displays the letters Z through A in reverse order, followed by 'Process finished with exit code 0'. The IDE interface includes a sidebar with navigation icons and a bottom status bar with tabs for Run, TODO, Problems, Profiler, Terminal, and Build.

Soal 11 (2 poin)

11. Untuk tampilan berikut :

1 dan 2 dan 3 dan 4 dan 5

```
public class Soal11 {  
    public static void main(String[] args) {  
        int i=0;  
        while(i<=5) {  
            i++;  
            if(i==5) {  
                System.out.print(i);  
            }else if(i<5) {  
                System.out.print(i + " dan ");  
            }  
        }  
    }  
}
```

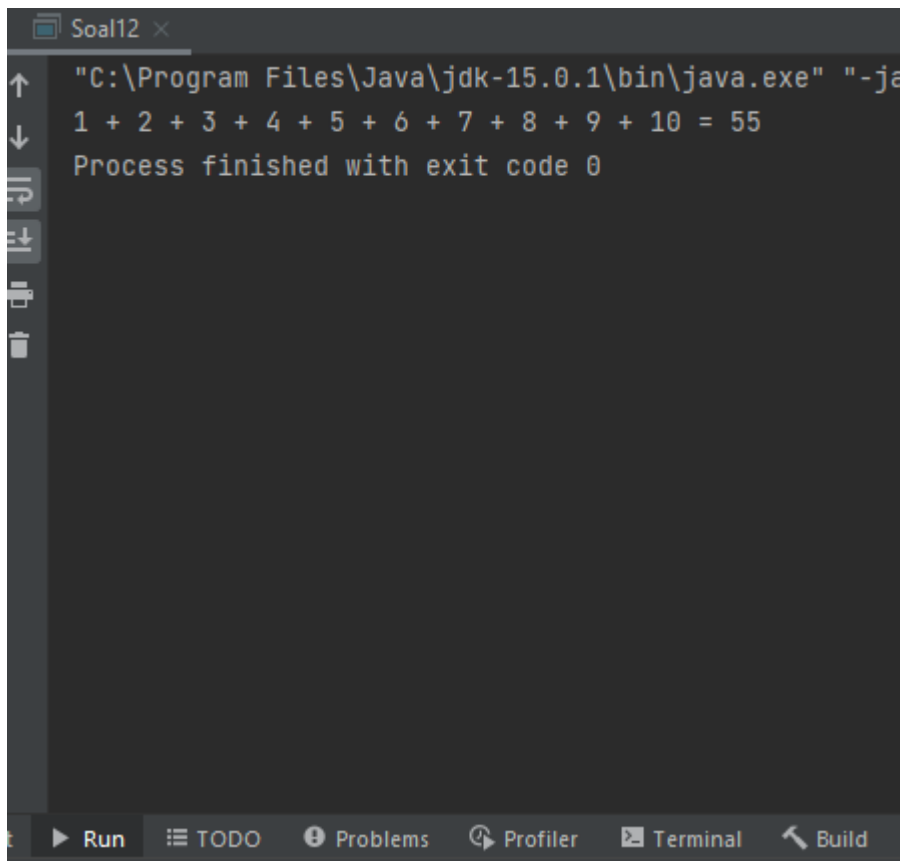


Soal 12 (2 poin)

12. Untuk tampilan berikut :

1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 45

```
public class Soal12 {  
    public static void main(String[] args) {  
        int a = 0;  
        for (int i = 1; i <= 10; i++) {  
            a = a+i;  
            if (i == 10) System.out.print(i + " = ");  
            else System.out.print(i + " + ");  
        }  
        System.out.print(a);  
    }  
}
```



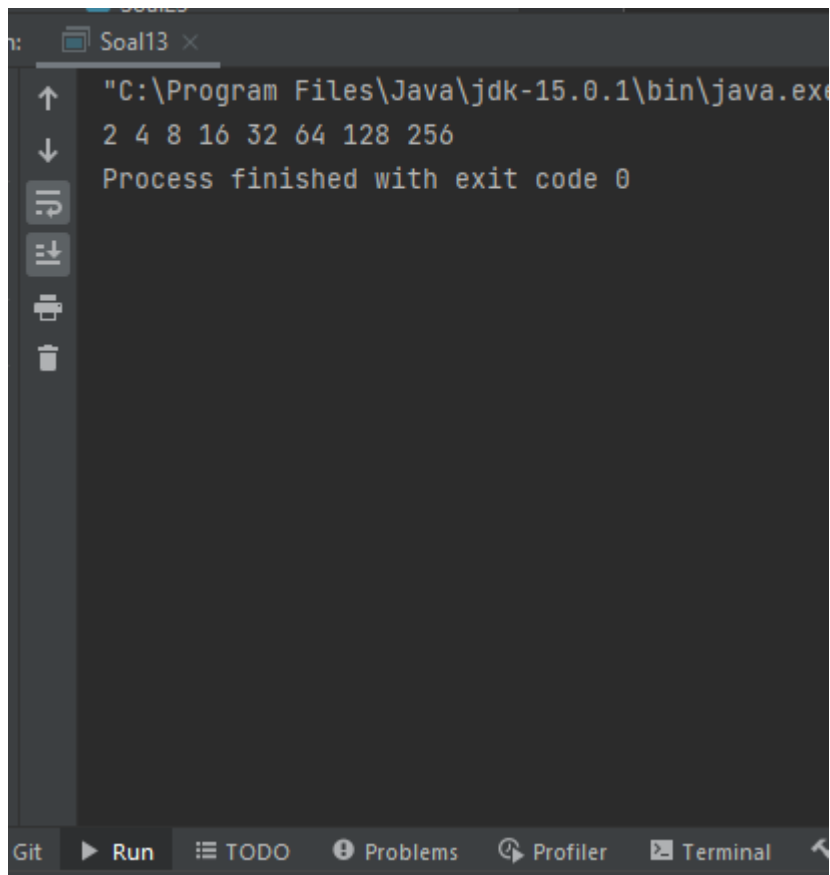
```
Soal12 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-ja  
1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10 = 55  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build
```

Soal 13 (3 poin)

13. Untuk tampilan berikut :

2 4 8 16 32 64 128 256

```
public class Soal13 {  
    public static void main(String[] args) {  
        int i=2;  
        while(i<=256) {  
            i=i*2;  
            System.out.print(i + " ");  
        }  
    }  
}
```



The screenshot shows an IDE window titled 'Soal13'. The terminal output is as follows:

```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"  
2 4 8 16 32 64 128 256  
Process finished with exit code 0
```

The IDE interface includes a sidebar with icons for navigation and a bottom bar with tabs for 'Git', 'Run', 'TODO', 'Problems', 'Profiler', and 'Terminal'.

Soal 14 (3 poin)

14. Untuk tampilan berikut :

1 2 2 3 3 3 4 4 4 4 5 5 5 5 5 6 6 6 6 6 6 7 7 7 7 7 7 7

```
public class Soal14 {  
    public static void main(String[] args) {  
        for(int i=1;i<=7;i++) {  
            for(int j=1;j<=7;j++) {  
                System.out.print(i+" ");  
                if(i==j) {  
                    break;  
                }  
            }  
        }  
    }  
}
```



```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-javaagent:  
1 2 2 3 3 3 4 4 4 4 5 5 5 5 5 6 6 6 6 6 6 7 7 7 7 7 7  
Process finished with exit code 0
```


Soal 15 (4 poin)

15. Untuk tampilan berikut :

7 7 7 7 7 7 7 6 6 6 6 6 6 5 5 5 5 5 4 4 4 4 3 3 3 2 2 1

```
public class Soal15 {  
    public static void main(String[] args) {  
        for(int i=7;i>=1;i--) {  
            for(int j=1;j<=7;j++) {  
                System.out.print(i+" ");  
                if(i==j) {  
                    break;  
                }  
            }  
        }  
    }  
}
```



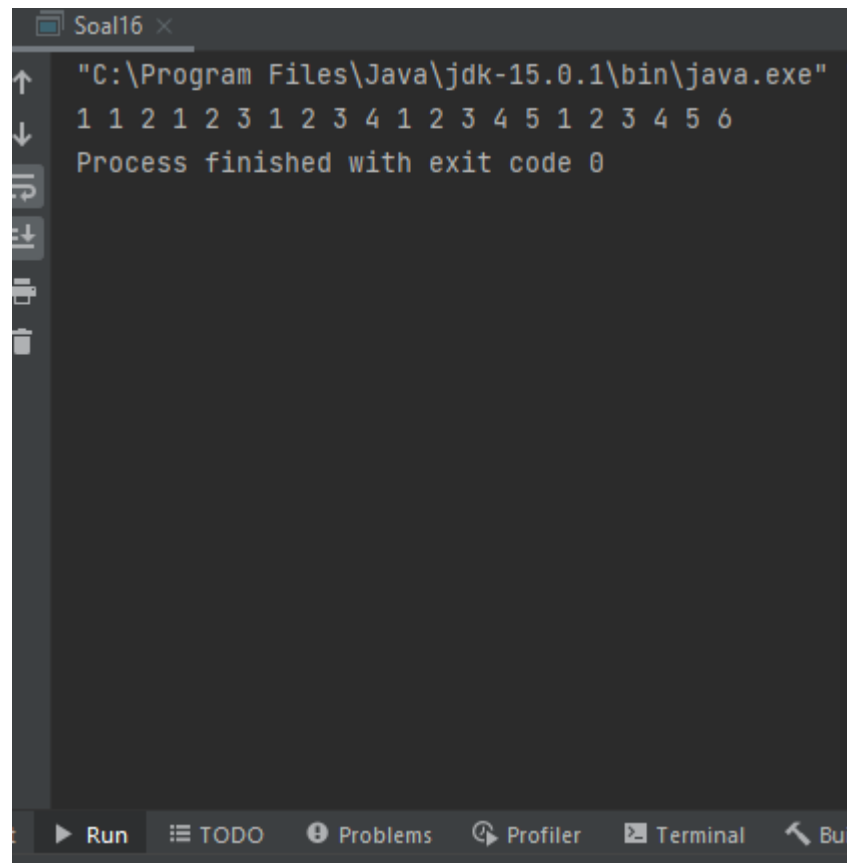
```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-javaagent:0  
7 7 7 7 7 7 7 6 6 6 6 6 6 5 5 5 5 5 4 4 4 4 3 3 3 2 2 1  
Process finished with exit code 0
```

Soal 16 (4 poin)

16. Untuk tampilan berikut :

```
1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 1 2 3 4 5 6
```

```
public class Soal16 {  
    public static void main(String[] args) {  
        for(int i=1;i<=6;i++) {  
            for(int j=1;j<=6;j++) {  
                System.out.print(j+" ");  
                if(i==j) {  
                    break;  
                }  
            }  
        }  
    }  
}
```



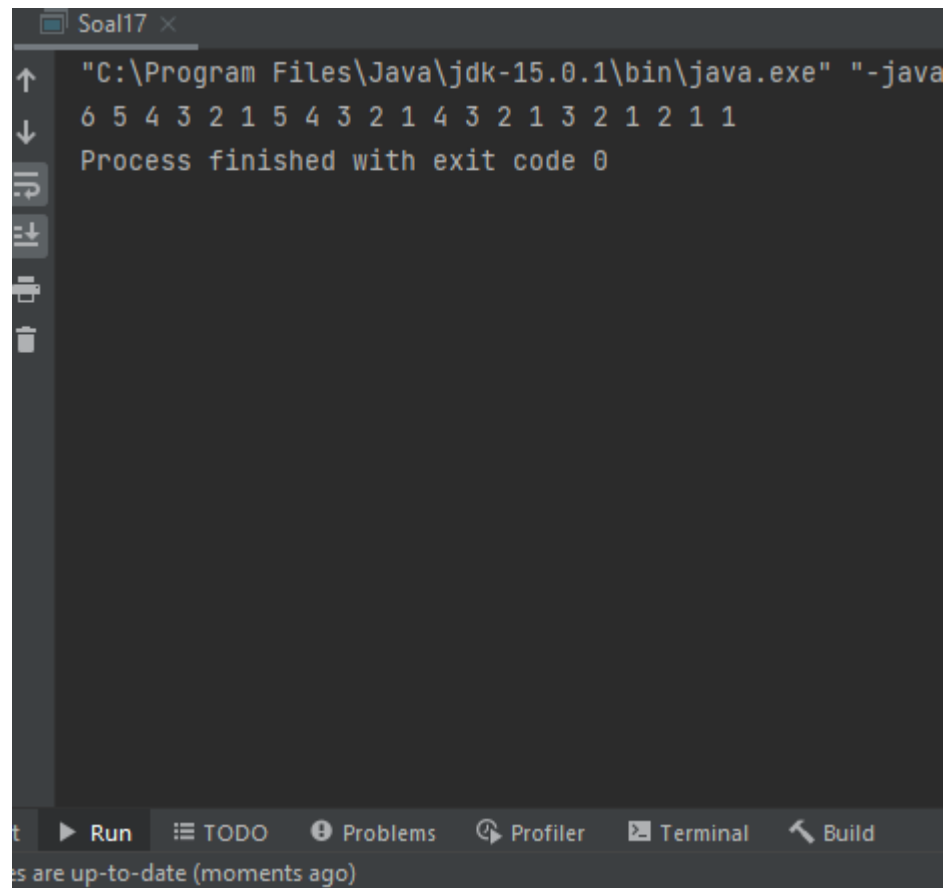
```
Soal16 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"  
1 1 2 1 2 3 1 2 3 4 1 2 3 4 5 1 2 3 4 5 6  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build
```

Soal 17 (3 poin)

17. Untuk tampilan berikut :

6 5 4 3 2 1 5 4 3 2 1 4 3 2 1 3 2 1 2 1 1

```
public class Soal17 {  
    public static void main(String[] args) {  
        for(int i=6;i>=1;i--) {  
            for(int j=i;j>=1;j--) {  
                System.out.print(j+" ");  
                if (i+j==0){  
                    break;  
                }  
            }  
        }  
    }  
}
```



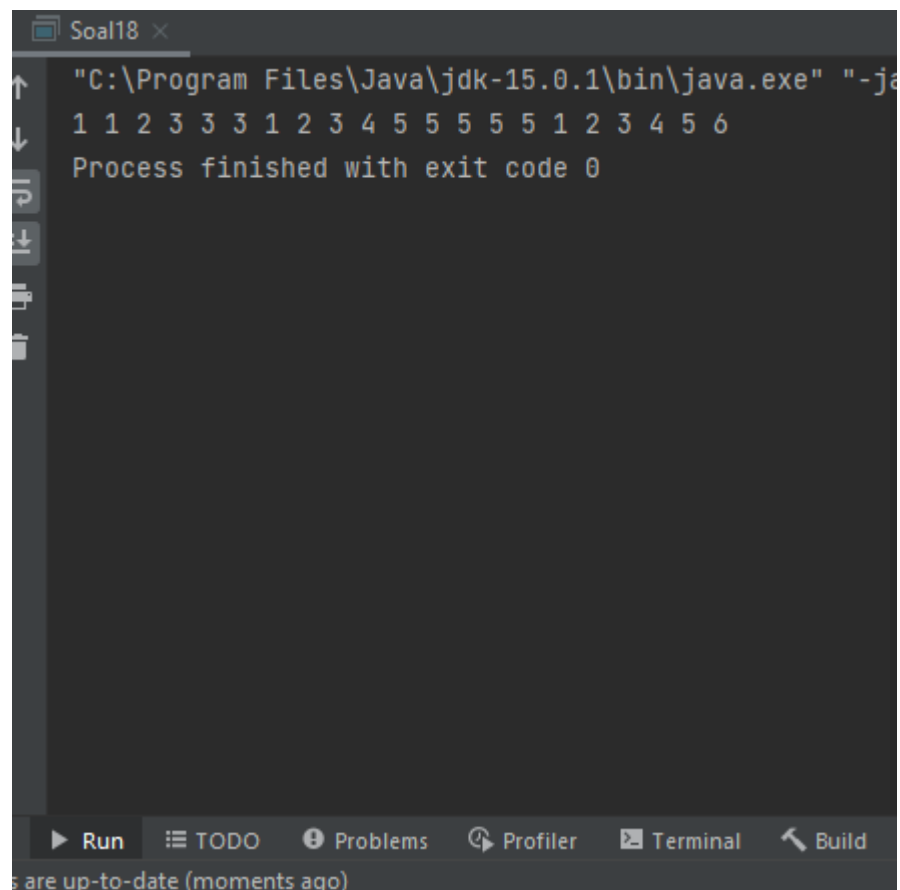
```
Soal17 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-java  
6 5 4 3 2 1 5 4 3 2 1 4 3 2 1 3 2 1 2 1 1  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build  
es are up-to-date (moments ago)
```

Soal 18 (4 poin)

18. Untuk tampilan berikut :

1 1 2 3 3 3 1 2 3 4 5 5 5 5 5 1 2 3 4 5 6

```
public class Soal18 {  
    public static void main(String[] args) {  
        for(int i=1;i<=6;i++) {  
            if (i%2==1) {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(i + " ");  
                }  
            }else {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(j + " ");  
                }  
            }  
        }  
    }  
}
```



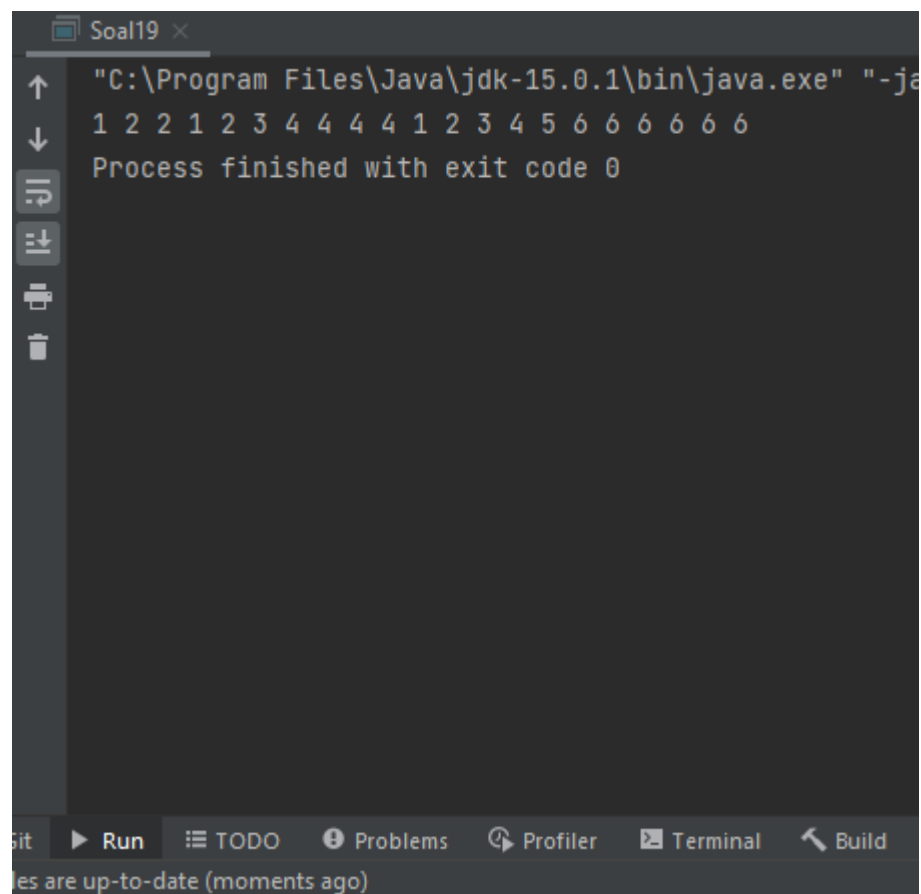
```
Soal18 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-ja  
1 1 2 3 3 3 1 2 3 4 5 5 5 5 5 1 2 3 4 5 6  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build  
s are up-to-date (moments ago)
```

Soal 19 (3 poin)

19. Untuk tampilan berikut :

```
1 2 2 1 2 3 4 4 4 4 1 2 3 4 5 6 6 6 6 6 6
```

```
public class Soal19 {  
    public static void main(String[] args) {  
        for(int i=1;i<=6;i++) {  
            if (i%2==0) {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(i + " ");  
                }  
            }else {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(j + " ");  
                }  
            }  
        }  
    }  
}
```



```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-ja  
1 2 2 1 2 3 4 4 4 4 1 2 3 4 5 6 6 6 6 6 6  
Process finished with exit code 0
```

Run TODO Problems Profiler Terminal Build

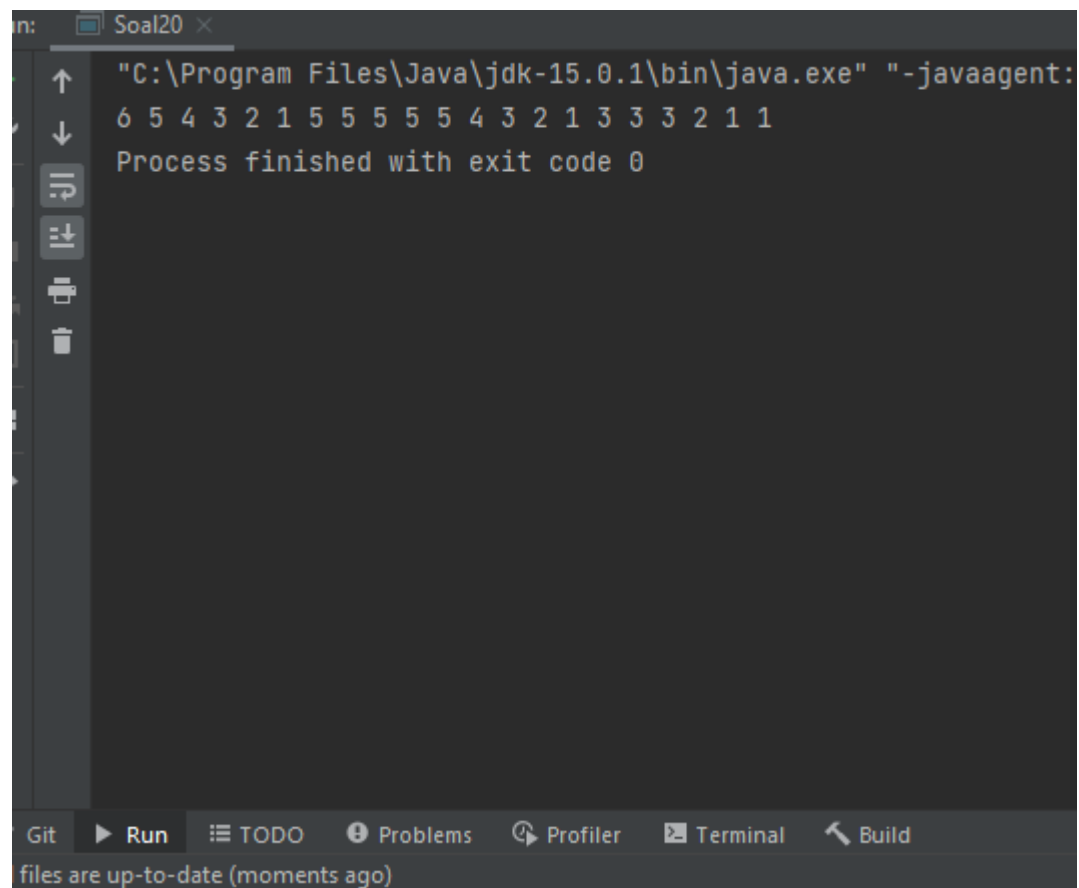
es are up-to-date (moments ago)

Soal 20 (3 poin)

20. Untuk tampilan berikut :

6 5 4 3 2 1 5 5 5 5 5 4 3 2 1 3 3 3 2 1 1

```
public class Soal20 {  
    public static void main(String[] args) {  
        for(int i=6;i>=1;i--) {  
            if (i%2==1) {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(i + " ");  
                }  
            }else {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(j + " ");  
                }  
            }  
        }  
    }  
}
```



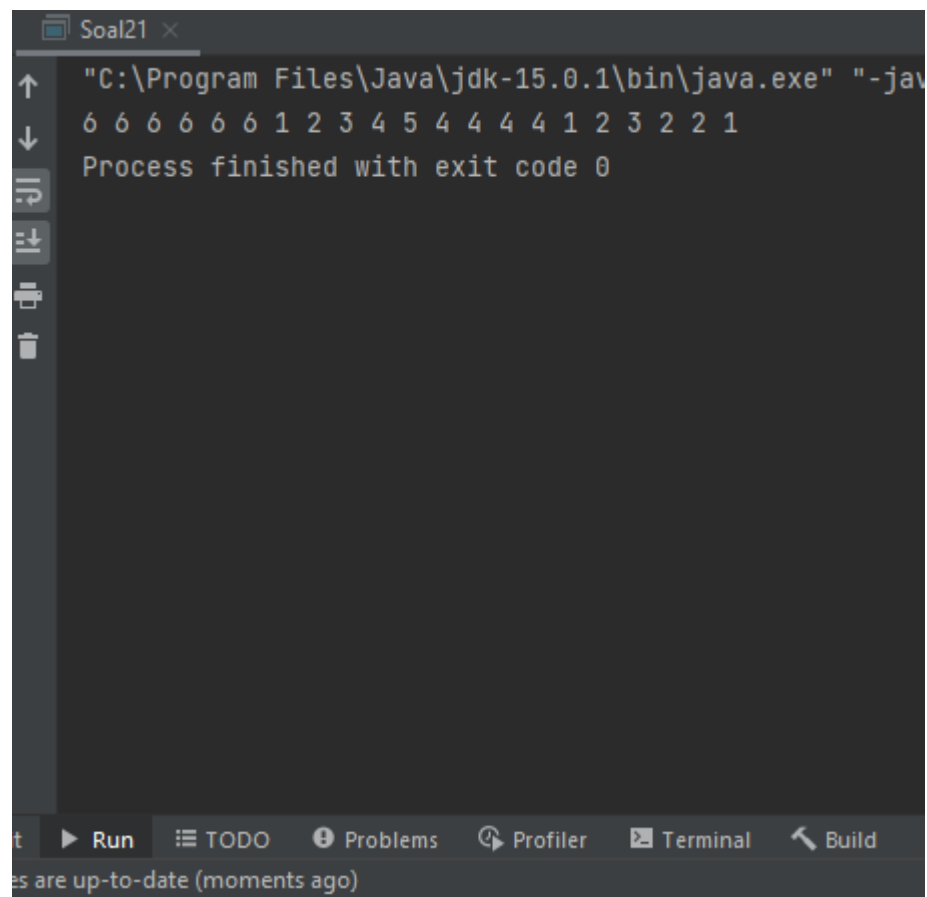
```
in: Soal20 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-javaagent:  
6 5 4 3 2 1 5 5 5 5 5 4 3 2 1 3 3 3 2 1 1  
Process finished with exit code 0  
Git Run TODO Problems Profiler Terminal Build  
files are up-to-date (moments ago)
```

Soal 21 (4 poin)

21. Untuk tampilan berikut :

6 6 6 6 6 6 1 2 3 4 5 4 4 4 4 1 2 3 2 2 1

```
public class Soal21 {  
    public static void main(String[] args) {  
        for(int i=6;i>=1;i--) {  
            if (i%2==0) {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(i + " ");  
                }  
            }else {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(j + " ");  
                }  
            }  
        }  
    }  
}
```



```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-jav  
6 6 6 6 6 6 1 2 3 4 5 4 4 4 4 1 2 3 2 2 1  
Process finished with exit code 0
```

Run TODO Problems Profiler Terminal Build

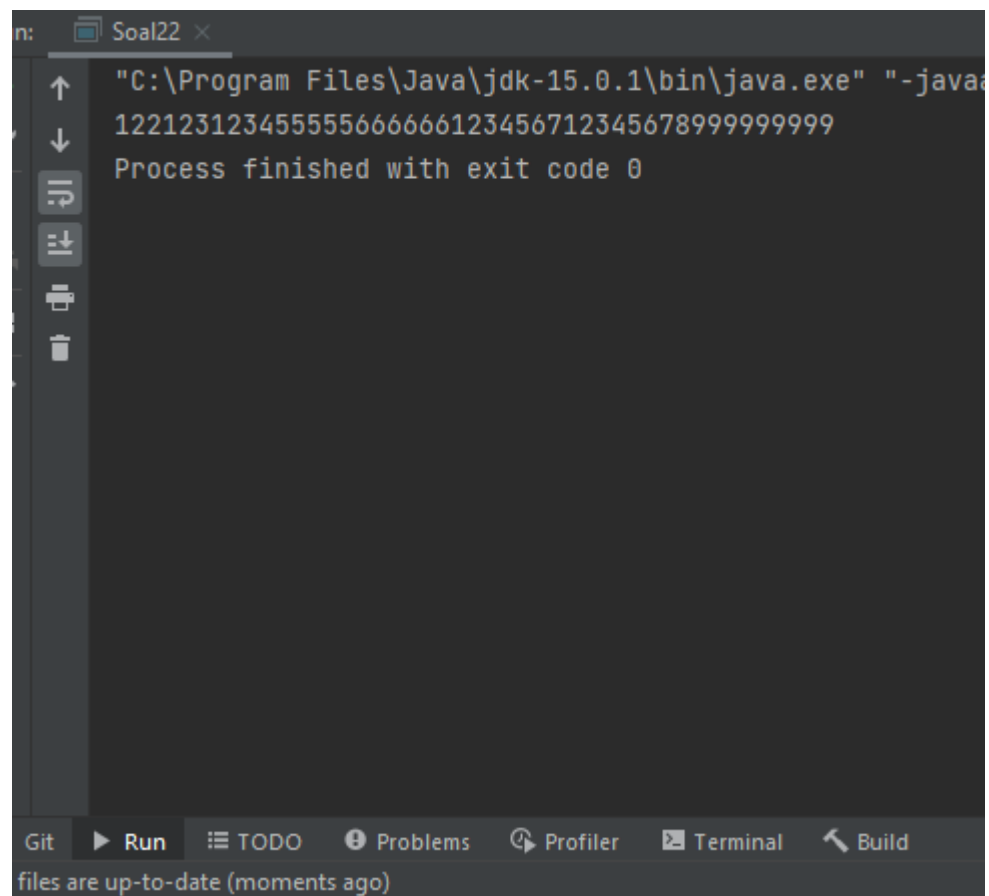
es are up-to-date (moments ago)

Soal 22 (4 poin)

22. Untuk tampilan berikut :

122123123455555666666123456712345678999999999

```
public class Soal22 {  
    public static void main(String[] args) {  
        for(int i=1;i<=9;i++) {  
            if (i == 2 || i == 5 || i == 6 || i == 9) {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(i);  
                }  
            }else {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(j);  
                }  
            }  
        }  
    }  
}
```



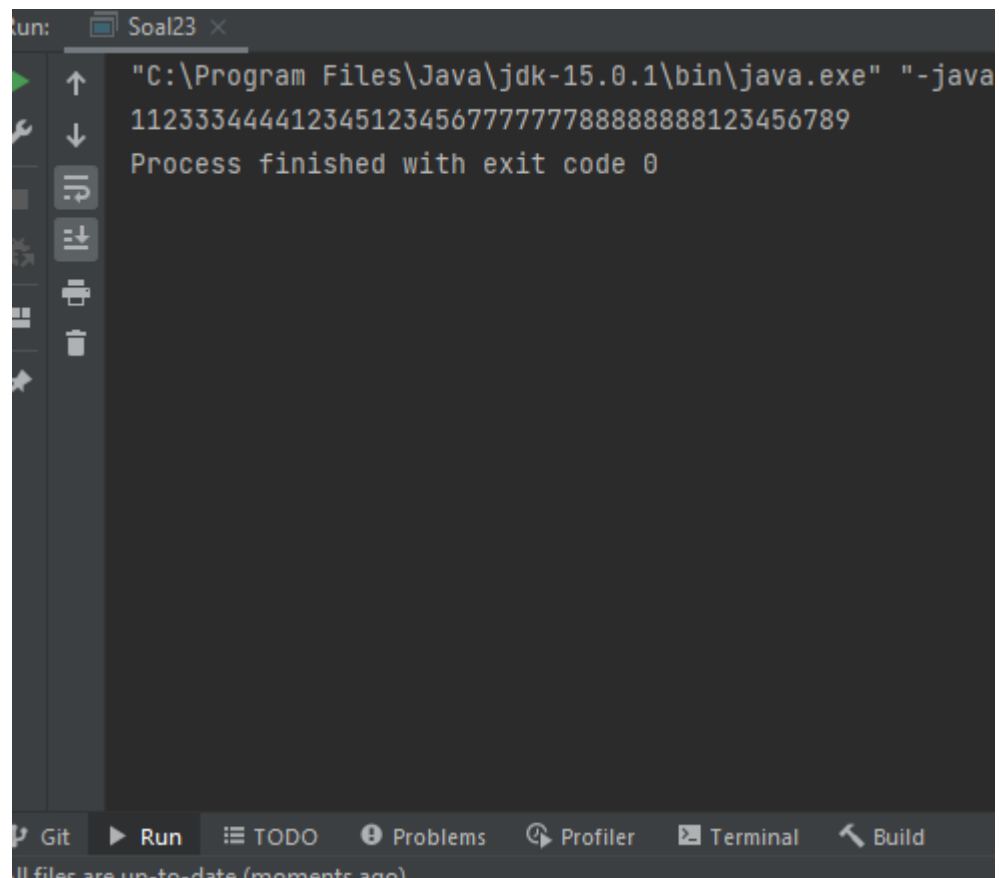
```
n: Soal22 x  
↑  
↓  
↺  
↻  
Print  
Trash  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-javaa  
122123123455555666666123456712345678999999999  
Process finished with exit code 0  
Git Run TODO Problems Profiler Terminal Build  
files are up-to-date (moments ago)
```


Soal 23 (5 poin)

23. Untuk tampilan berikut :

11233344441234512345677777788888888123456789

```
public class Soal23 {  
    public static void main(String[] args) {  
        for(int i=1;i<=9;i++) {  
            if (i == 3 || i == 4 || i == 7 || i == 8) {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(i);  
                }  
            }else {  
                for (int j=1;j<=i;j++) {  
                    System.out.print(j);  
                }  
            }  
        }  
    }  
}
```



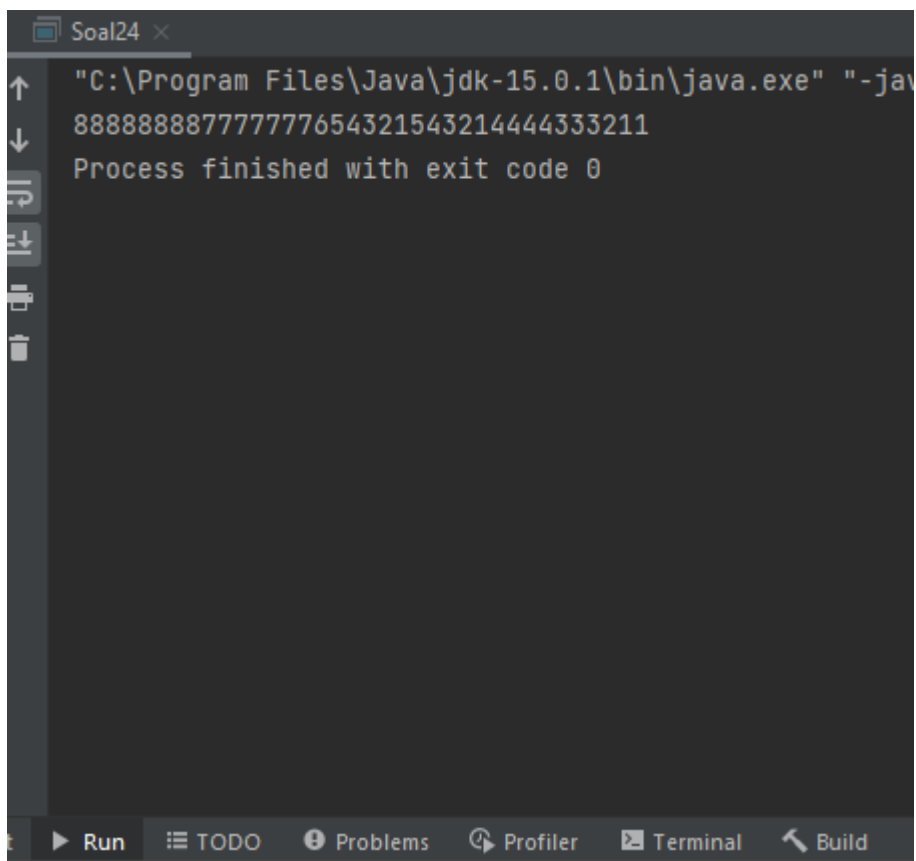
```
run: Soal23 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-java  
11233344441234512345677777788888888123456789  
Process finished with exit code 0  
Git Run TODO Problems Profiler Terminal Build  
All files are up-to-date (moments ago)
```

Soal 24 (5 poin)

24. Untuk tampilan berikut :

888888887777777654321543214444333211

```
public class Soal24 {  
    public static void main(String[] args) {  
        for(int i=8;i>=1;i--) {  
            if (i == 3 || i == 4 || i == 7 || i == 8) {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(i);  
                }  
            }else {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(j);  
                }  
            }  
        }  
    }  
}
```



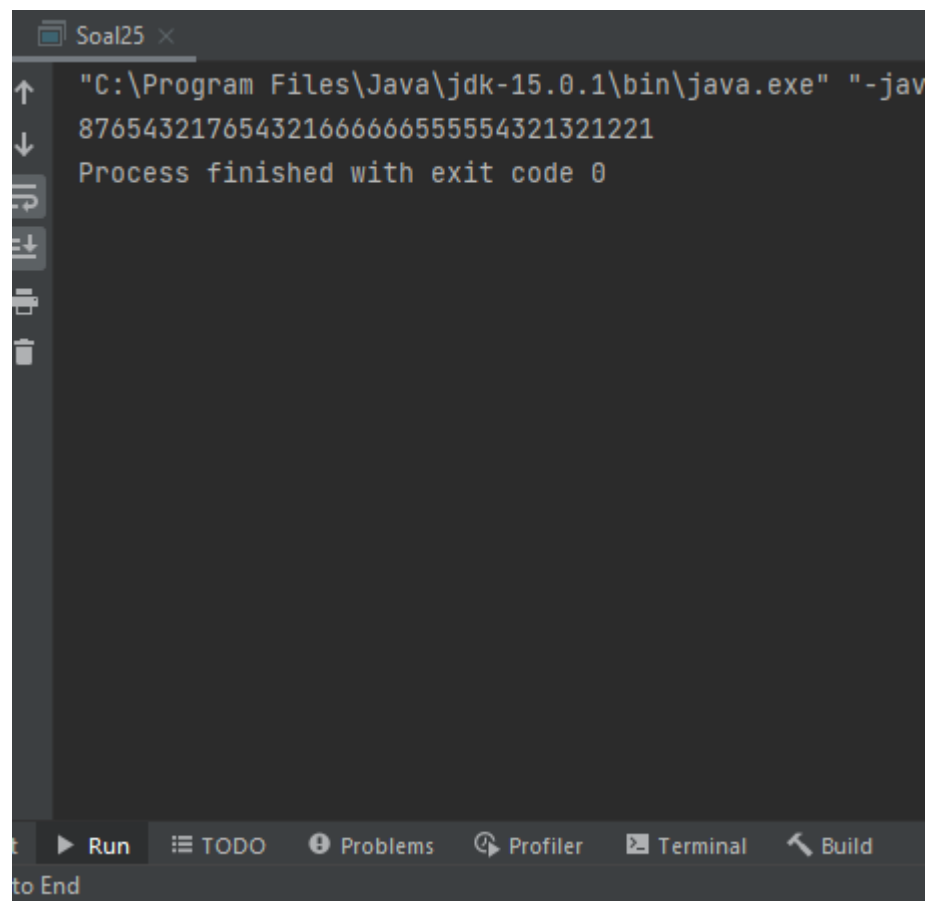
```
Soal24 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-jav  
888888887777777654321543214444333211  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build
```

Soal 25 (5 poin)

25. Untuk tampilan berikut :

876543217654321666666555554321321221

```
public class Soal25 {  
    public static void main(String[] args) {  
        for(int i=8;i>=1;i--) {  
            if (i == 2 || i == 5 || i == 6) {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(i);  
                }  
            }else {  
                for (int j=i;j>=1;j--) {  
                    System.out.print(j);  
                }  
            }  
        }  
    }  
}
```



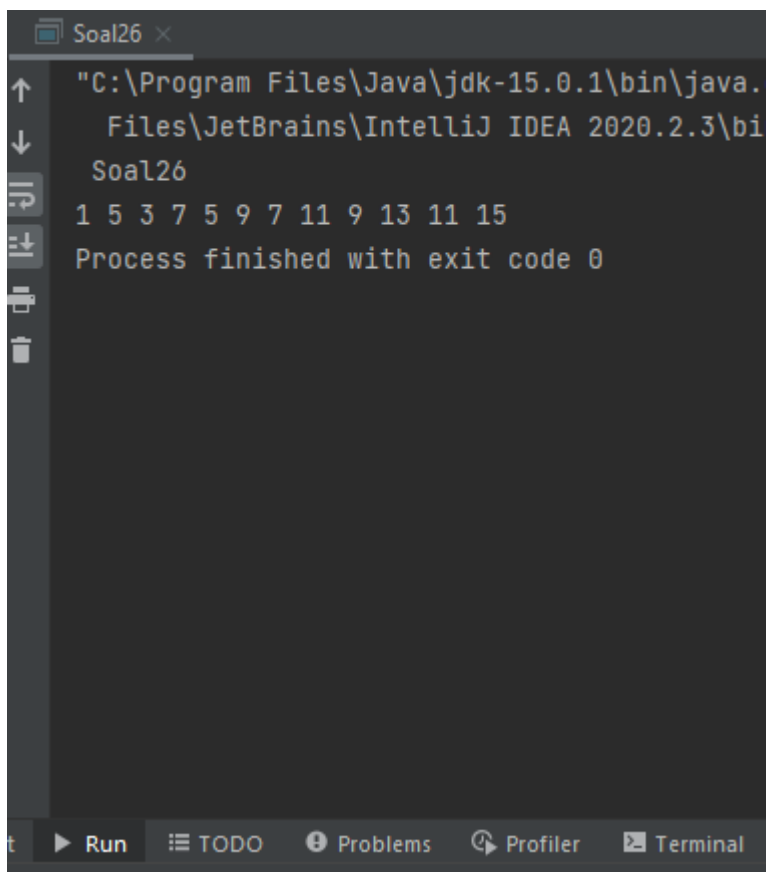
```
Soal25 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-jav  
876543217654321666666555554321321221  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal Build  
to End
```

Soal 26 (3 poin)

26. Untuk tampilan berikut :

1 5 3 7 5 9 7 11 9 13 11 15

```
public class Soal26 {  
    public static void main(String[] args) {  
        int i=1;  
        while (i<=12) {  
            System.out.print(i + " ");  
            i = i + 4;  
            System.out.print(i + " ");  
            i-=2;  
        }  
    }  
}
```



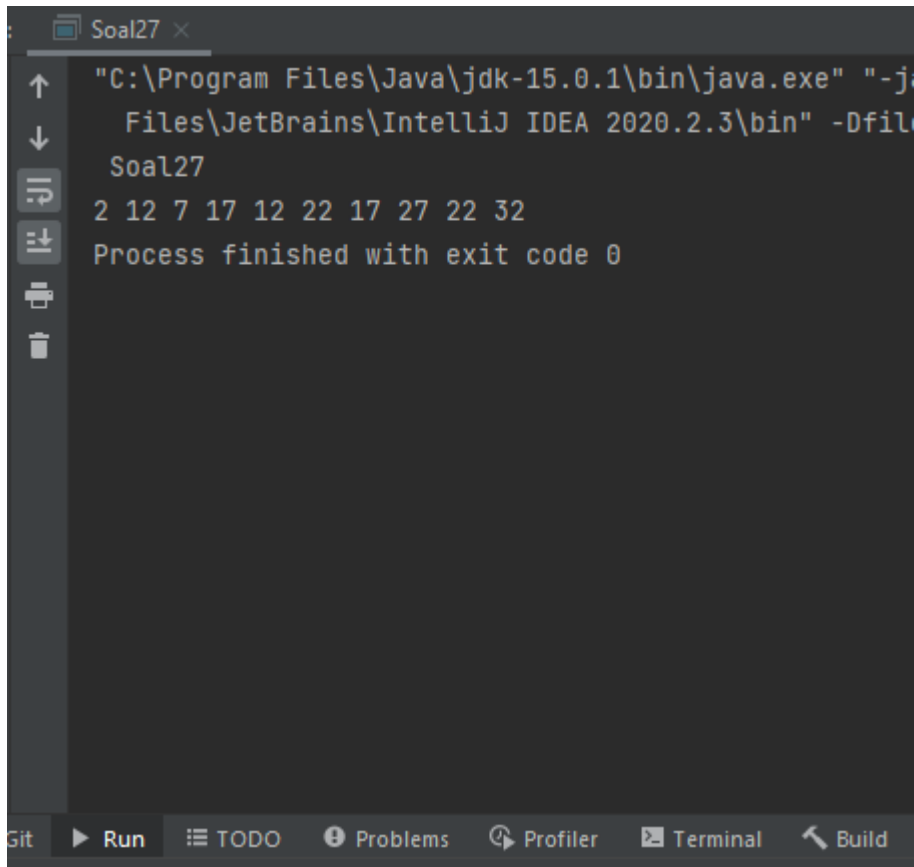
```
Soal26 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bi  
Soal26  
1 5 3 7 5 9 7 11 9 13 11 15  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal
```

Soal 27 (3 poin)

27. Untuk tampilan berikut :

2 12 7 17 12 22 17 27 22 32

```
public class Soal27 {  
    public static void main(String[] args) {  
        int i=2;  
        while(i<=26) {  
            System.out.print(i + " ");  
            i = i + 10;  
            System.out.print(i + " ");  
            i-=5;  
        }  
    }  
}
```

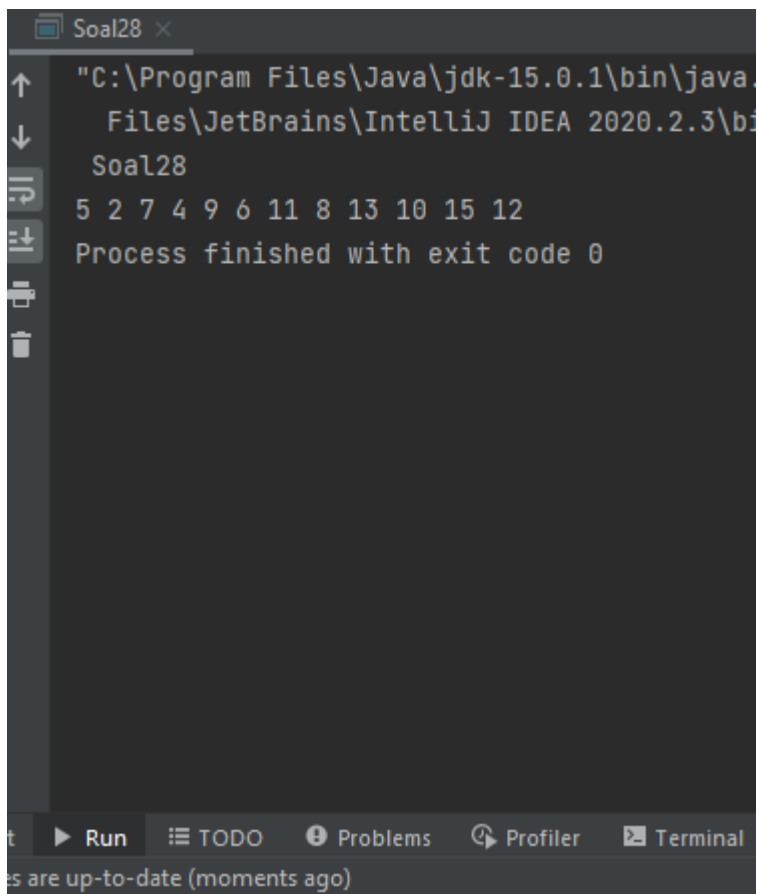


Soal 28 (3 poin)

28. Untuk tampilan berikut :

5 2 7 4 9 6 11 8 13 10 15 12

```
public class Soal28 {  
    public static void main(String[] args) {  
        int i=5;  
        while(i<=15) {  
            System.out.print(i + " ");  
            i = i - 3;  
            System.out.print(i + " ");  
            i=i+5;  
        }  
    }  
}
```



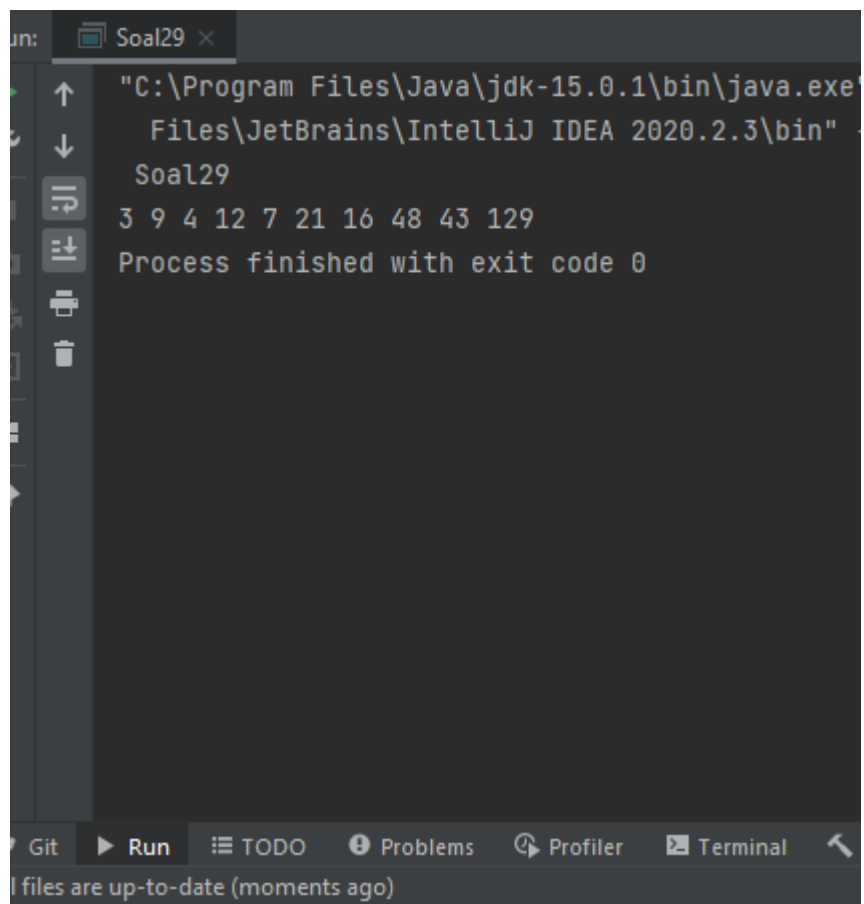
```
Soal28 x  
↑ "C:\Program Files\Java\jdk-15.0.1\bin\java.  
↓ Files\JetBrains\IntelliJ IDEA 2020.2.3\bi  
Soal28  
5 2 7 4 9 6 11 8 13 10 15 12  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal  
es are up-to-date (moments ago)
```

Soal 29 (3 poin)

29. Untuk tampilan berikut :

3 9 4 12 7 21 16 48 43 129

```
public class Soal29 {  
    public static void main(String[] args) {  
        int i=3;  
        while(i<=120) {  
            System.out.print(i + " ");  
            i = i * 3;  
            System.out.print(i + " ");  
            i=i-5;  
        }  
    }  
}
```

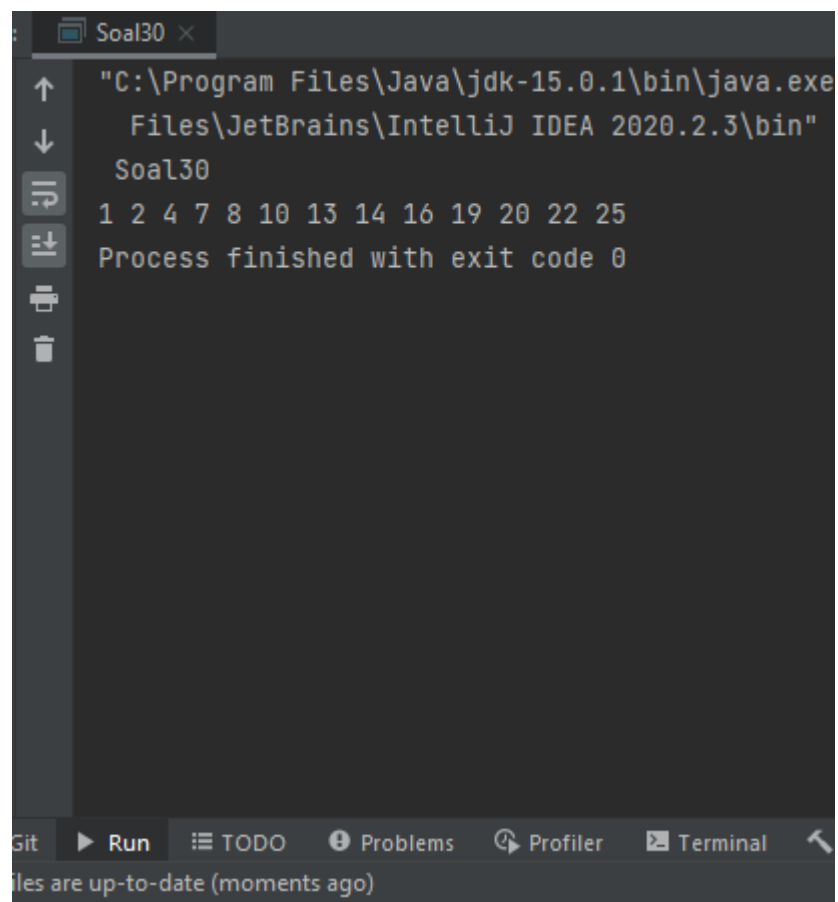


Soal 30 (4 poin)

30. Untuk tampilan berikut :

1 2 4 7 8 10 13 14 16 19 20 22 25

```
public class Soal30 {  
    public static void main(String[] args) {  
        int i=1;  
        while(i<=25) {  
            System.out.print(i + " ");  
            if (i == 25)break;  
            i = i + 1;  
            System.out.print(i + " ");  
            i = i + 2;  
            System.out.print(i + " ");  
            i=i+3;  
        }  
    }  
}
```

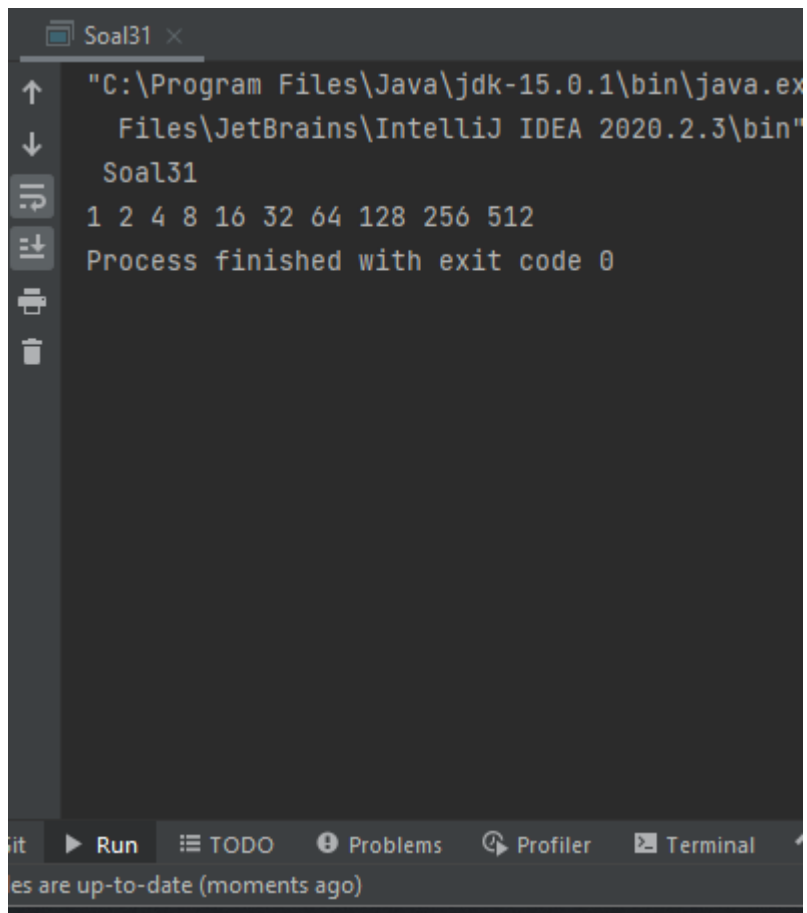


Soal 31 (4 poin)

31. Untuk tampilan berikut :

1 2 4 8 16 32 64 128 256 512

```
public class Soal31 {  
    public static void main(String[] args) {  
        int i=1;  
        while(i<=512) {  
            System.out.print(i + " ");  
            if (i == 512)break;  
            i=i*2;  
        }  
    }  
}
```



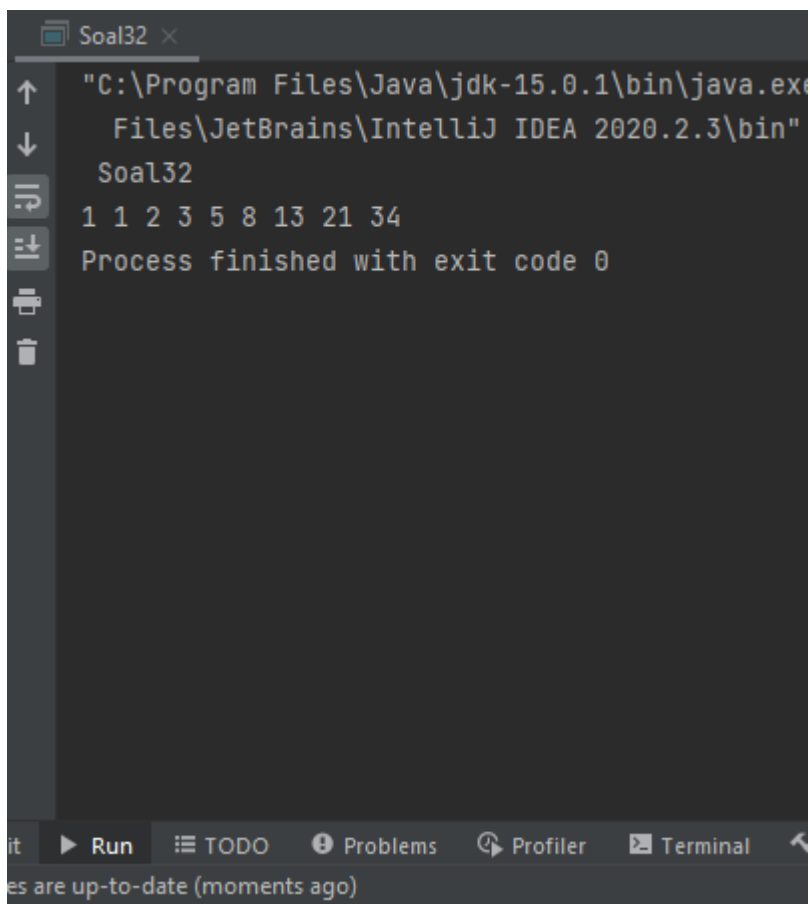
The screenshot shows the IntelliJ IDEA IDE interface. The top bar indicates the file 'Soal31'. The main editor area shows the Java code for 'Soal31'. The bottom panel is divided into 'Run' and 'Terminal' tabs. The 'Terminal' tab is active, displaying the command 'C:\Program Files\Java\jdk-15.0.1\bin\java.exe' and the output '1 2 4 8 16 32 64 128 256 512' followed by 'Process finished with exit code 0'.

Soal 32 (4 poin)

32. Untuk tampilan berikut :

1	1	2	3	5	8	13	21	34
---	---	---	---	---	---	----	----	----

```
public class Soal32 {  
    public static void main(String[] args) {  
        int j = 0;  
        int i=1;  
        while(i<=34) {  
            j = j + i;  
            System.out.print(i + " ");  
            if (j == 34 || i == 34) break;  
            System.out.print(j + " ");  
            i+=j;  
        }  
    }  
}
```

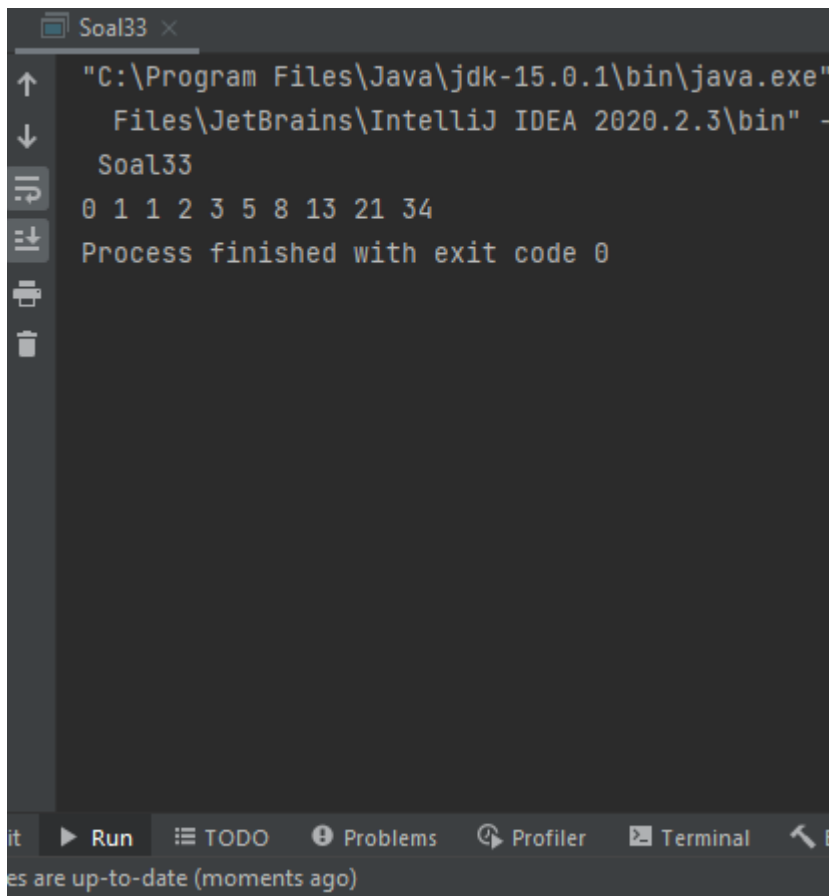


Soal 33 (4 poin)

33. Untuk tampilan berikut :

0 1 1 2 3 5 8 13 21 34

```
public class Soal33 {  
    public static void main(String[] args) {  
        int j = 1;  
        int i=0;  
        while(i<=34) {  
            j = j + i;  
            if (i == 34)break;  
            System.out.print(i + " ");  
            System.out.print(j + " ");  
            i+=j;  
        }  
    }  
}
```



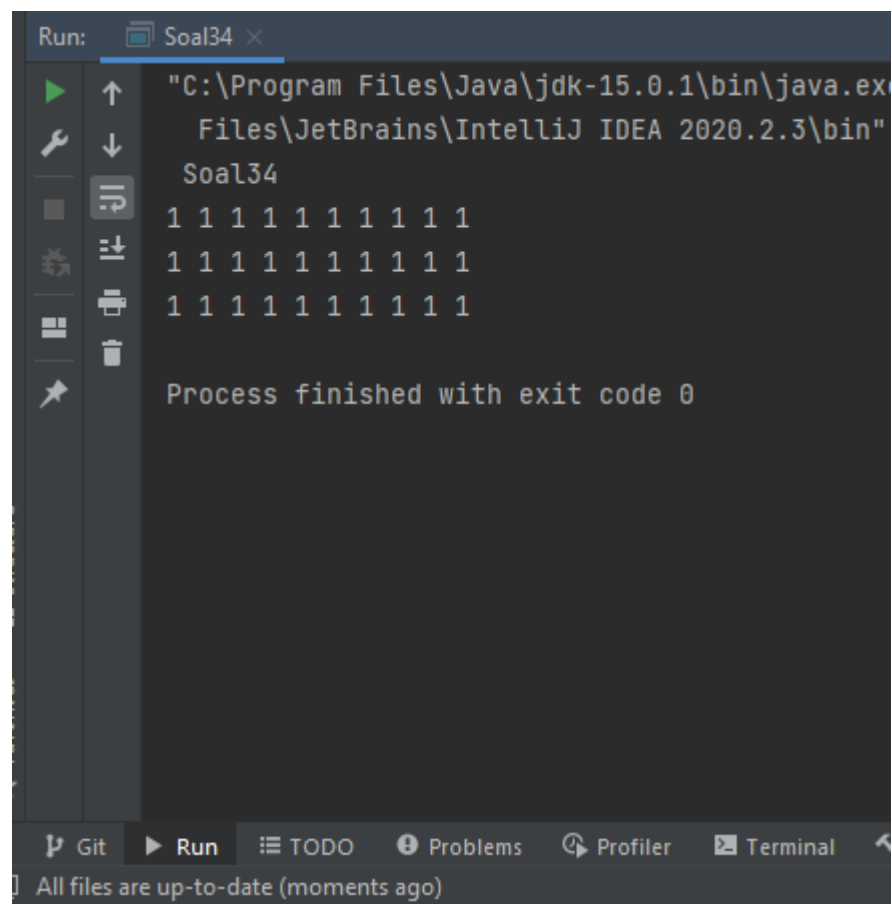
```
Soal33 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin" -  
Soal33  
0 1 1 2 3 5 8 13 21 34  
Process finished with exit code 0  
Run TODO Problems Profiler Terminal  
es are up-to-date (moments ago)
```

Soal 34 (2 poin)

34. Untuk tampilan berikut :

1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1

```
public class Soal34 {  
    public static void main(String[] args) {  
        for (int i = 1 ; i <=3; i++) {  
            for (int j = 1; j <= 10; j++) {  
                if( i == 1 || i ==2 || i == 3 ) {  
                    System.out.print("1 ");  
                }else {  
                    System.out.print("  ");  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```



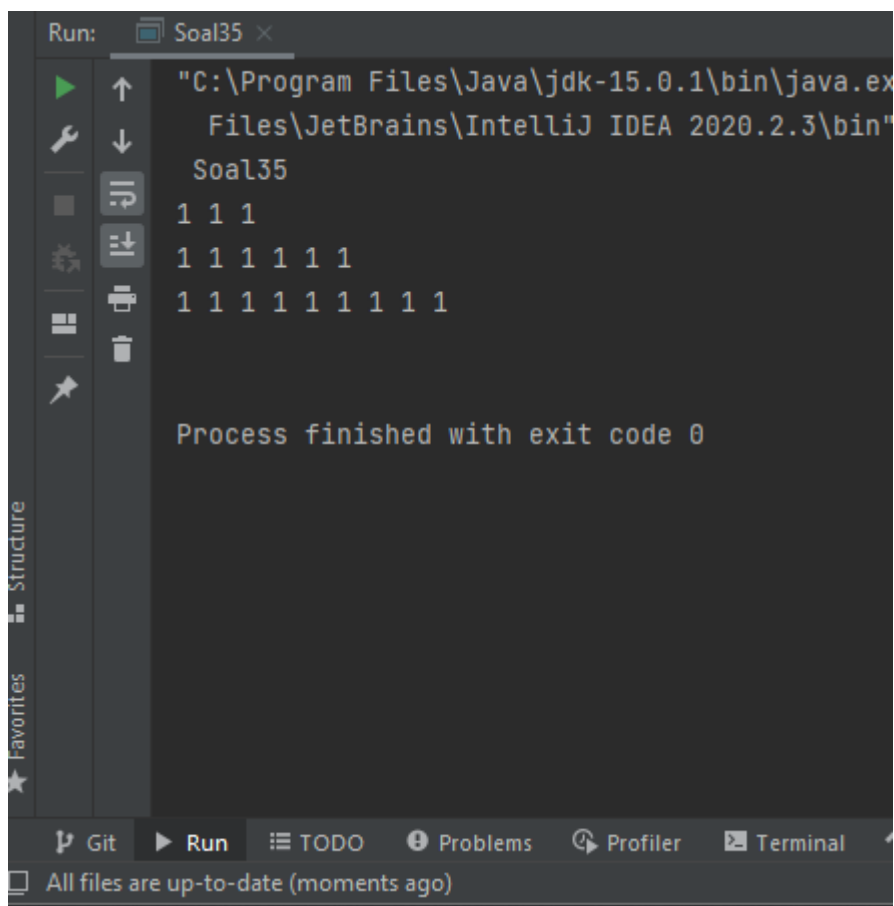
```
Run: Soal34 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin"  
Soal34  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
1 1 1 1 1 1 1 1 1 1  
Process finished with exit code 0  
Git Run TODO Problems Profiler Terminal  
All files are up-to-date (moments ago)
```

Soal 35 (2 poin)

35. Untuk tampilan berikut :

```
1 1 1
1 1 1 1 1 1
1 1 1 1 1 1 1 1 1
```

```
public class Soal35 {
    public static void main(String[] args) {
        for(int i=4;i<=10;i+=3) {
            for(int j=3;j<=i;j++) {
                System.out.print("1 ");
            }System.out.println("1");
        }System.out.println();
    }
}
```



```
Run: Soal35 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin"
Soal35
1 1 1
1 1 1 1 1 1
1 1 1 1 1 1 1 1 1

Process finished with exit code 0
```

Structure
Favorites

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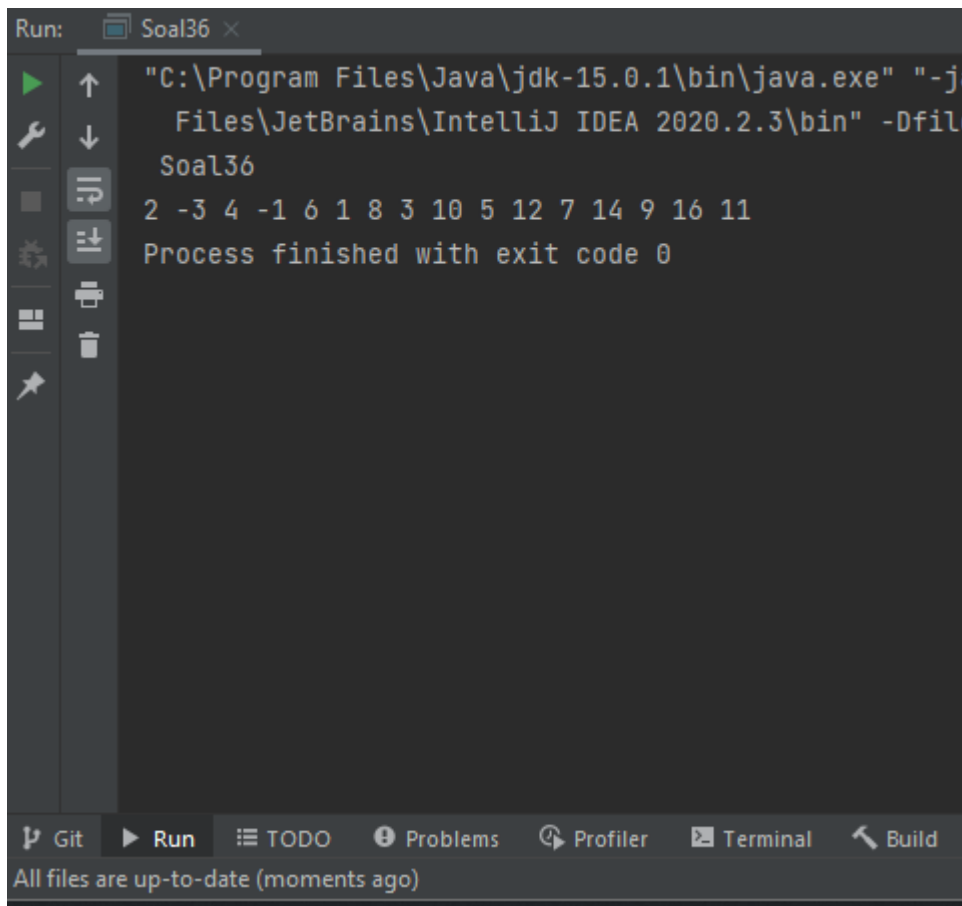
All files are up-to-date (moments ago)

Soal 36 (5 poin)

36. Untuk tampilan berikut :

2 -3 4 -1 6 1 8 3 10 5 12 7 14 9 16 11

```
public class Soal36 {  
    public static void main(String[] args) {  
        int i=2;  
        while(i<=16) {  
            System.out.print(i+" ");  
            i=i-5;  
            System.out.print(i+" ");  
            i=i+7;  
        }  
    }  
}
```



Run: Soal36 x

```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" "-j  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin" -Dfil  
Soal36  
2 -3 4 -1 6 1 8 3 10 5 12 7 14 9 16 11  
Process finished with exit code 0
```

Git Run TODO Problems Profiler Terminal Build

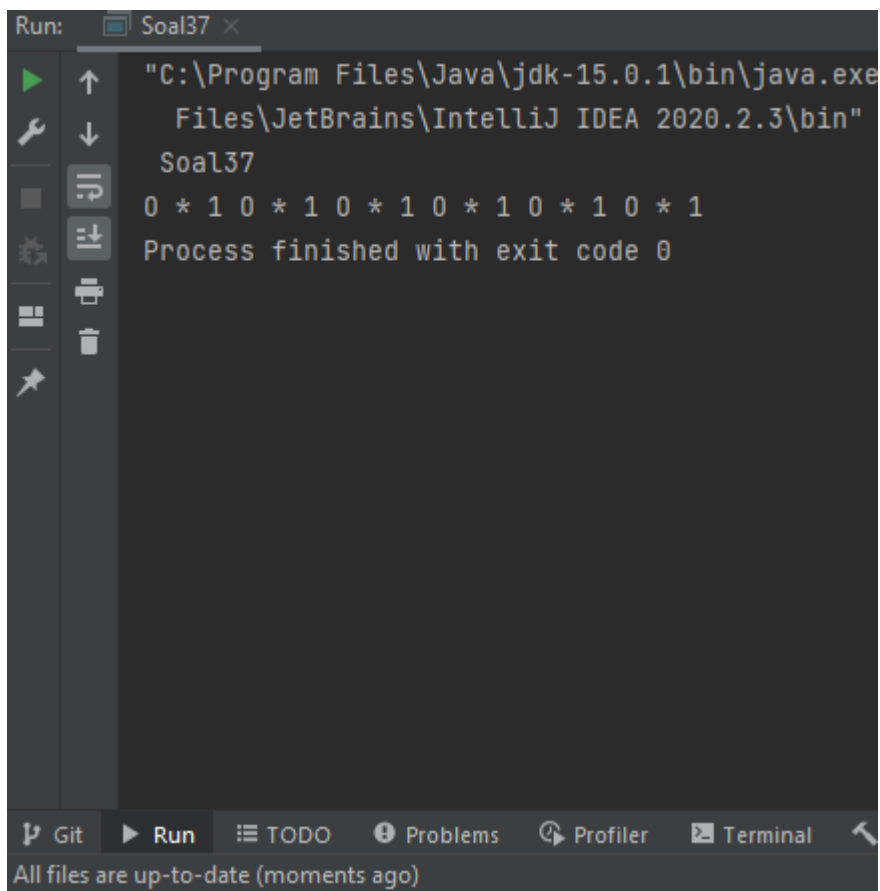
All files are up-to-date (moments ago)

Soal 37 (4 poin)

37. Untuk tampilan berikut :

```
0 * 1 0 * 1 0 * 1 0 * 1 0 * 1 0 * 1
```

```
public class Soal37 {  
    public static void main(String[] args) {  
        for (int i = 1; i <= 6 ;i++) {  
            for (int j = 1; j <= 3; j++) {  
                if (j == 1) {  
                    System.out.print("0 ");  
                } else if (j == 2) {  
                    System.out.print("* ");  
                } else {  
                    System.out.print("1 ");  
                }  
            }  
            System.out.print("");  
        }  
    }  
}
```



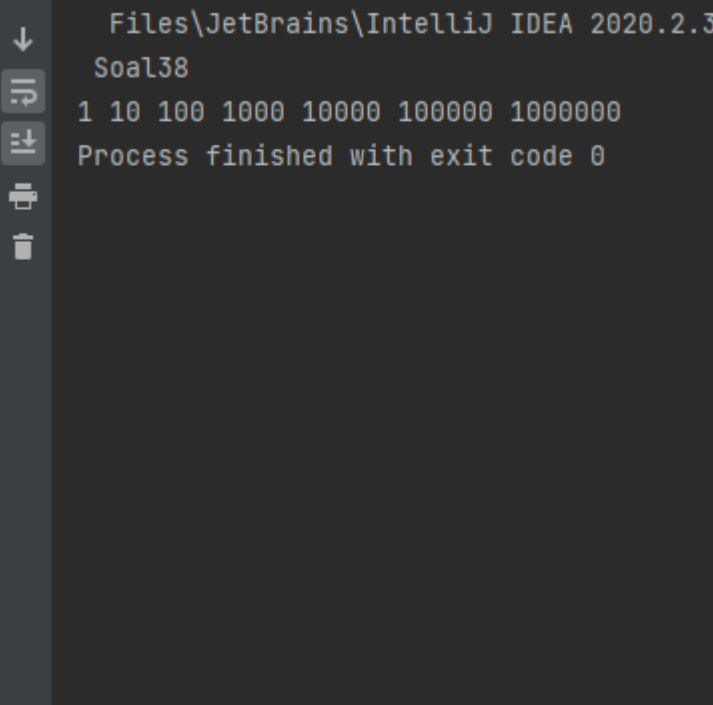
```
Run: Soal37 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin"  
Soal37  
0 * 1 0 * 1 0 * 1 0 * 1 0 * 1 0 * 1  
Process finished with exit code 0  
Git Run TODO Problems Profiler Terminal  
All files are up-to-date (moments ago)
```

Soal 38 (4 poin)

38. Untuk tampilan berikut :

1 10 100 1000 10000 100000 1000000

```
public class Soal38 {
    public static void main(String[] args) {
        int i=1;
        while(i<=1000000) {
            System.out.print(i+" ");
            i=i*10;
        }
    }
}
```



Run: Soal38 x

```
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe  
Files\JetBrains\IntelliJ IDEA 2020.2.3\bin"  
Soal38  
1 10 100 1000 10000 100000 1000000  
Process finished with exit code 0
```

Git Run TODO Problems Profiler Terminal

All files are up-to-date (moments ago)

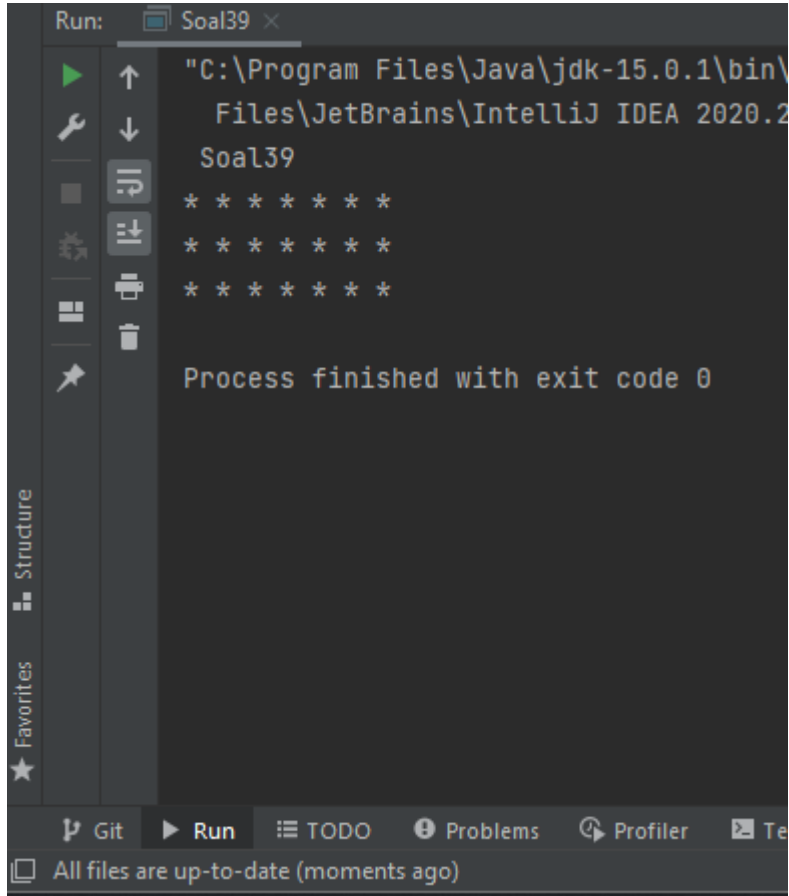
Soal 39 (2 poin)

39. Untuk tampilan berikut :



```
* * * * * * *
* * * * * * *
* * * * * * *
```

```
public class Soal39 {
    public static void main(String[] args) {
        for (int i = 1; i <= 3 ;i++) {
            for(int j=1;j <=7 ; j++) {
                if( i == 1 || i ==2 || i == 3 ) {
                    System.out.print("* ");
                }else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

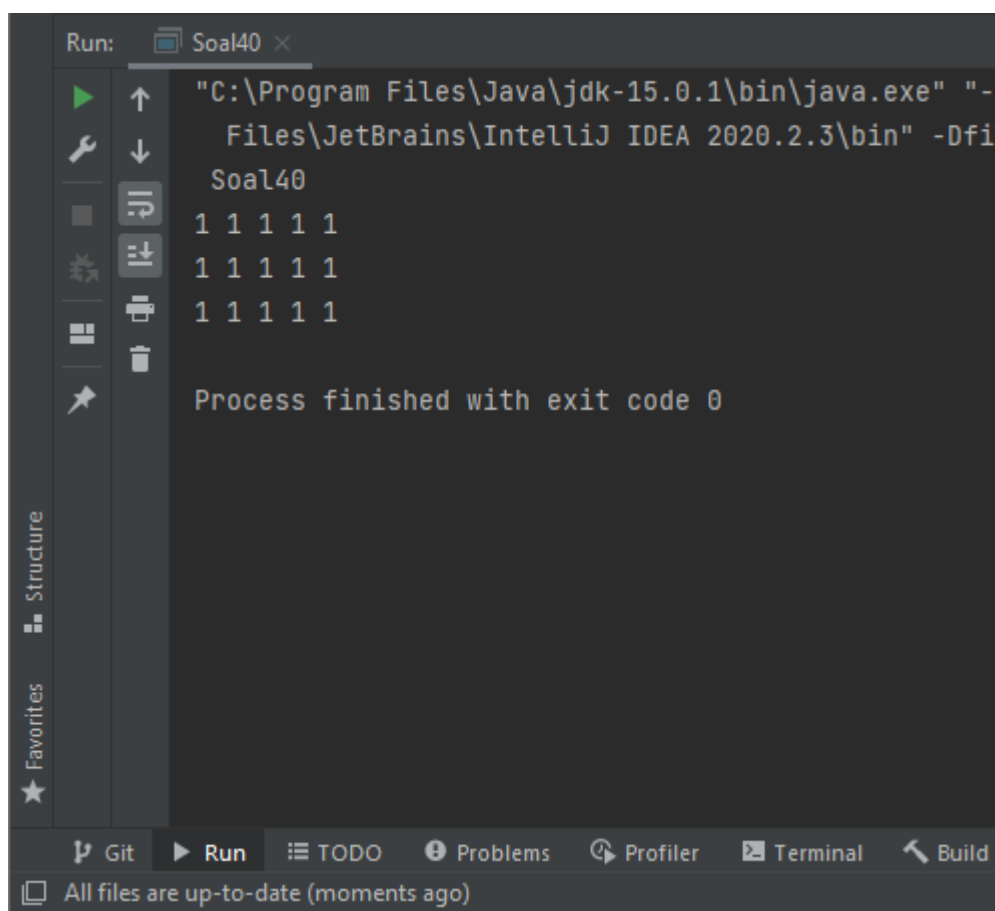


Soal 40 (2 poin)

40. Untuk tampilan berikut :

1	1	1	1	1
1	1	1	1	1
1	1	1	1	1

```
public class Soal40 {  
    public static void main(String[] args) {  
        for (int i = 1 ; i <=3; i++) {  
            for (int j = 1; j <= 5; j++) {  
                if( i == 1 || i ==2 || i == 3 ) {  
                    System.out.print("1 ");  
                }else {  
                    System.out.print("  ");  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```

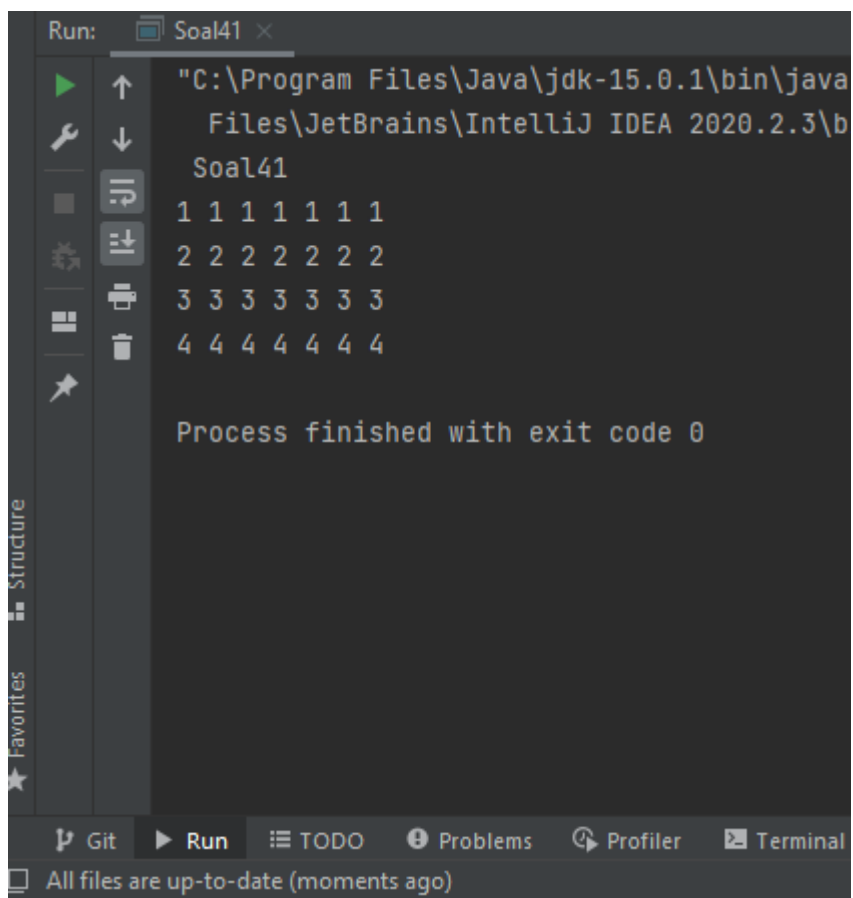


Soal 41 (2 poin)

41. Untuk tampilan berikut :

1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4

```
public class Soal41 {  
    public static void main(String[] args) {  
        for (int i = 1; i <= 4 ;i++) {  
            for(int j=1;j <=7 ; j++) {  
                System.out.print(i + " ");  
            }  
            System.out.println();  
        }  
    }  
}
```

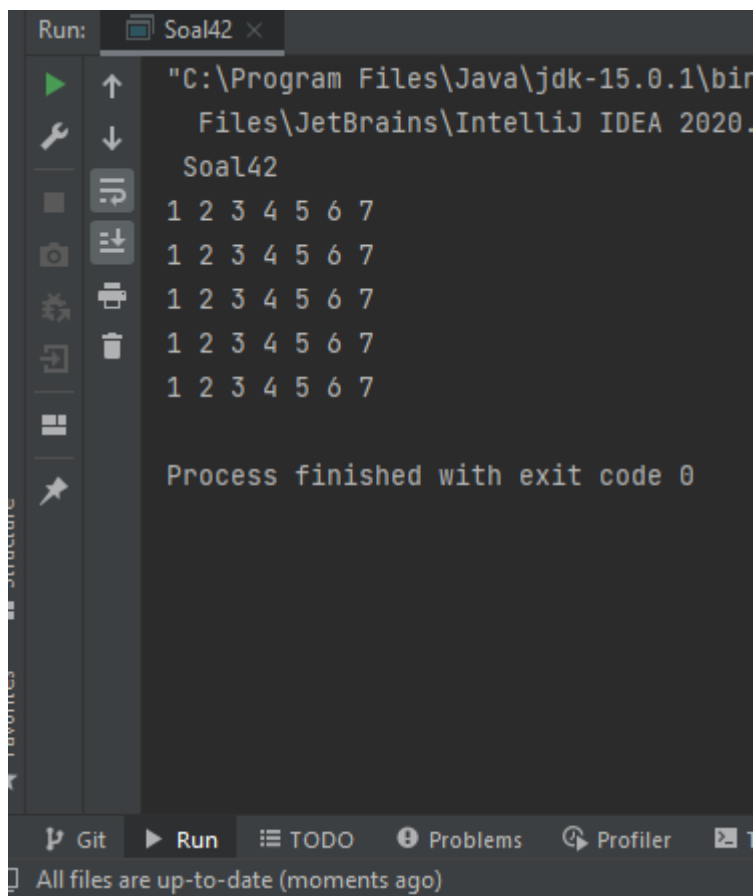


Soal 42 (2 poin)

42. Untuk tampilan berikut :

```
1 2 3 4 5 6 7
1 2 3 4 5 6 7
1 2 3 4 5 6 7
1 2 3 4 5 6 7
1 2 3 4 5 6 7
```

```
public class Soal42 {
    public static void main(String[] args) {
        for (int i = 1; i <= 5 ;i++) {
            for(int j=1;j <=7 ; j++) {
                System.out.print(j + " ");
            }
            System.out.println();
        }
    }
}
```

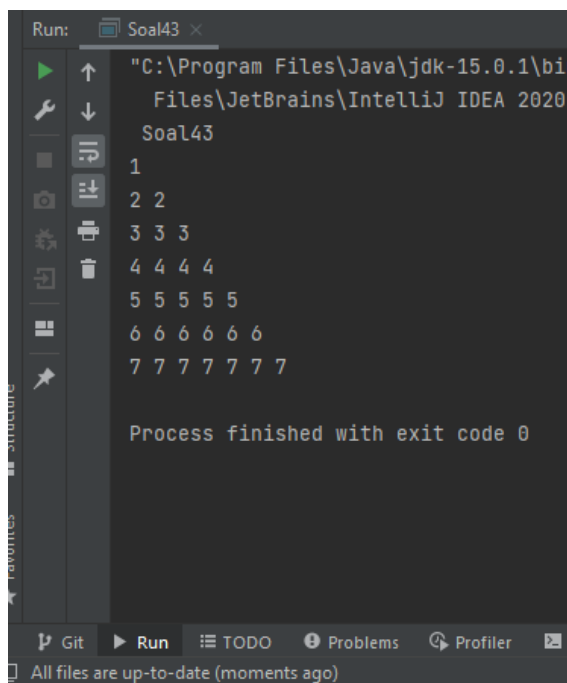


Soal 43 (3 poin)

43. Untuk tampilan berikut :

```
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
6 6 6 6 6 6
7 7 7 7 7 7 7
```

```
public class Soal43 {
    public static void main(String[] args) {
        for (int i =1; i<=7;i++) {
            for (int j =1;j<=i; j++) {
                System.out.print(i + " ");
            }
            System.out.println();
        }
    }
}
```

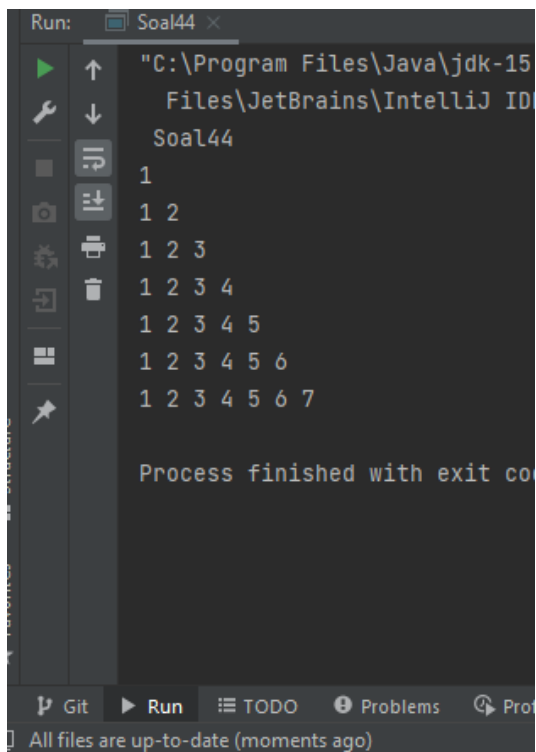


Soal 44 (3 poin)

44. Untuk tampilan berikut :

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7
```

```
public class Soal44 {
    public static void main(String[] args) {
        for (int i =1; i<= 7;i++) {
            for (int j =1;j<= i; j++) {
                System.out.print(j + " ");
            }
            System.out.println();
        }
    }
}
```



```
Run: Soal44 x
"C:\Program Files\Java\jdk-15
Files\JetBrains\IntelliJ ID
Soal44
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6 7

Process finished with exit co

Git Run TODO Problems Pro
All files are up-to-date (moments ago)
```

Soal 45 (3 poin)

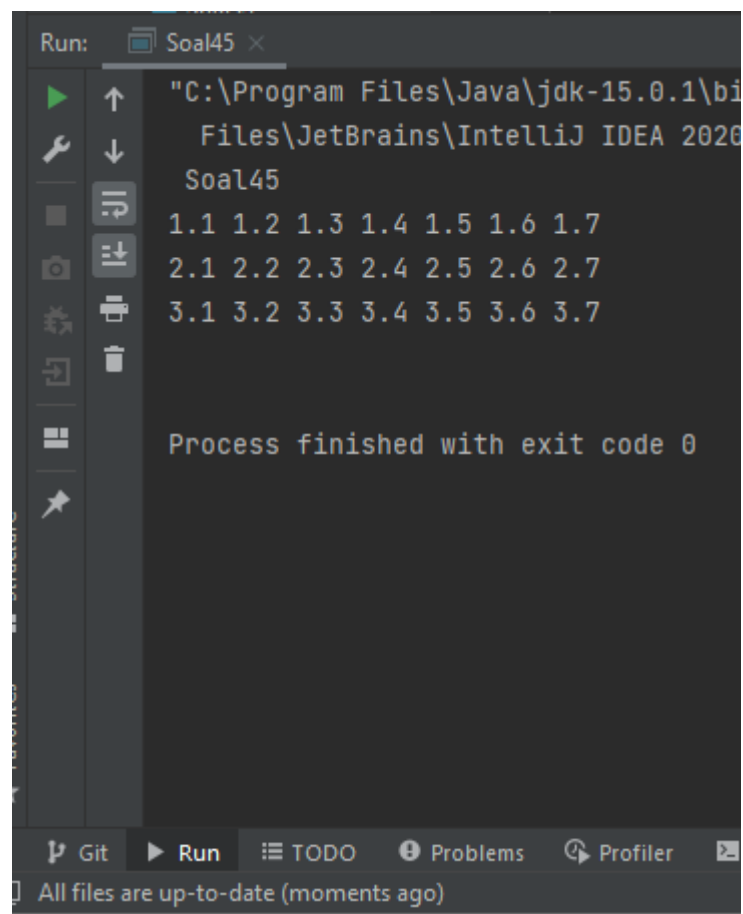
45. Untuk tampilan berikut :

```
1.1 1.2 1.3 1.4 1.5 1.6 1.7
2.1 2.2 2.3 2.4 2.5 2.6 2.7
3.1 3.2 3.3 3.4 3.5 3.6 3.7
```

```
public class Soal45 {
    public static void main(String[] args) {
        for(int i=1;i<=3;i++) {
            for(int j=1;j<=7;j++) {

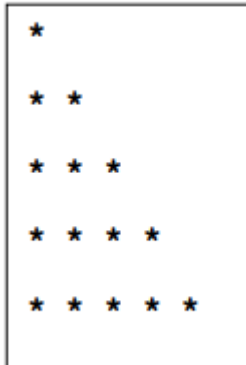
                System.out.print(i+"."+j+" ");

            }System.out.println();
        }System.out.println();
    }
}
```



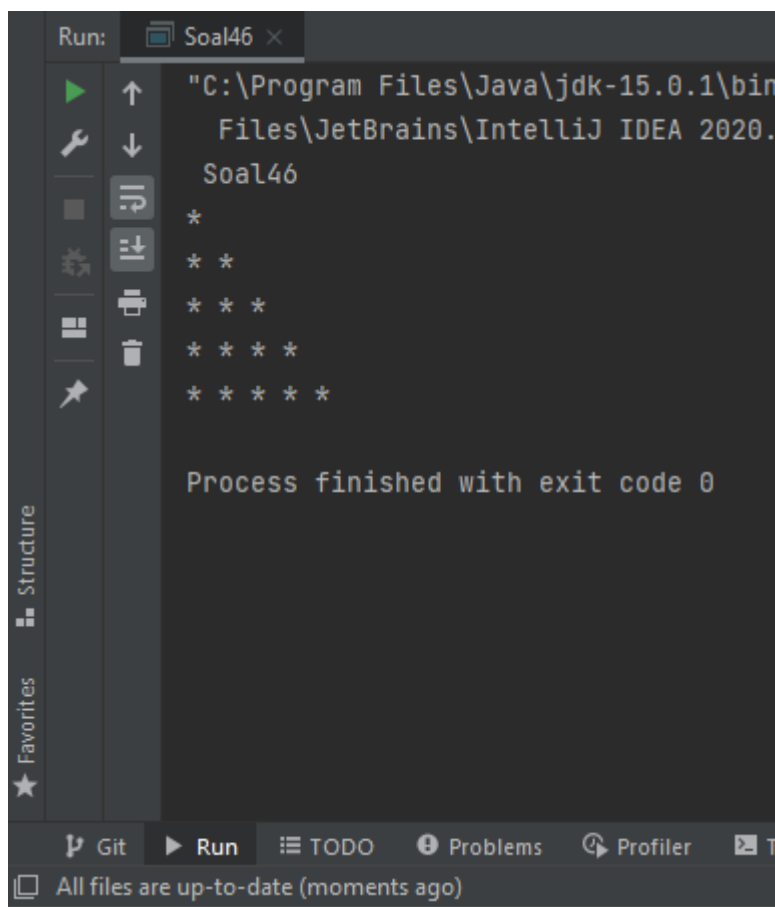
Soal 46 (3 poin)

46. Untuk tampilan berikut :



```
*  
  
* *  
  
* * *  
  
* * * *  
  
* * * * *
```

```
public class Soal46 {  
    public static void main(String[] args) {  
        for (int i =1; i<= 5;i++) {  
            for (int j =1;j<= i; j++) {  
                System.out.print("* ");  
            }  
            System.out.println();  
        }  
    }  
}
```

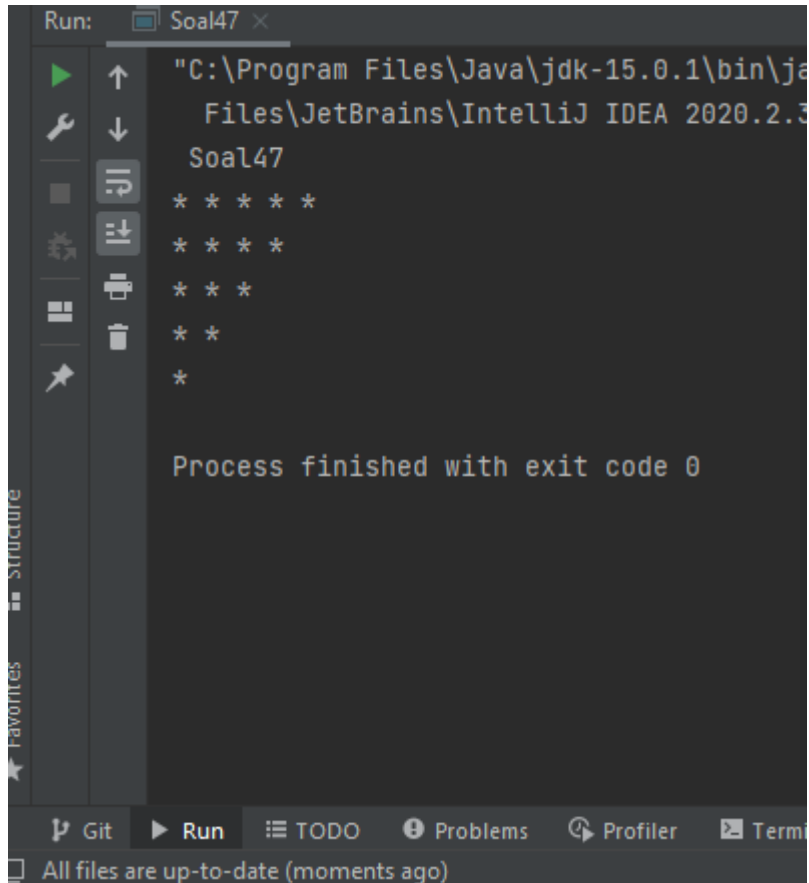


Soal 47 (4 poin)

47. Untuk tampilan berikut :

```
* * * * *
* * * *
* * *
* *
*
```

```
public class Soal47 {
    public static void main(String[] args) {
        for (int i =5; i>= 1;i--) {
            for (int j =1;j<= i; j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```



The screenshot shows the IntelliJ IDEA Run window for the class 'Soal47'. The output is a pattern of asterisks arranged in five rows, decreasing from 5 to 1 asterisks per row. Below the pattern, it states 'Process finished with exit code 0'. The interface includes a toolbar with icons for running, debugging, and other IDE functions, and a status bar at the bottom indicating 'All files are up-to-date (moments ago)'.

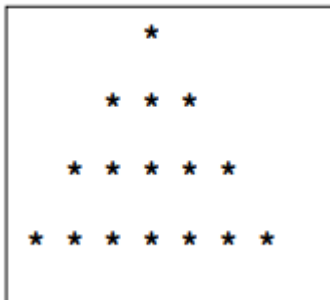
```
Run: Soal47 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\lib\idea_rt.jar -Didea.launcher.jar=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\lib\idea_rt.jar -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\config -Didea.system.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\lib\idea_rt.jar -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\bin -Didea.platform.prefix=Java -Didea.version=2020.2.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA 2020.2.3\bin\idea_rt.jar
Soal47
* * * * *
* * * *
* * *
* *
*

Process finished with exit code 0

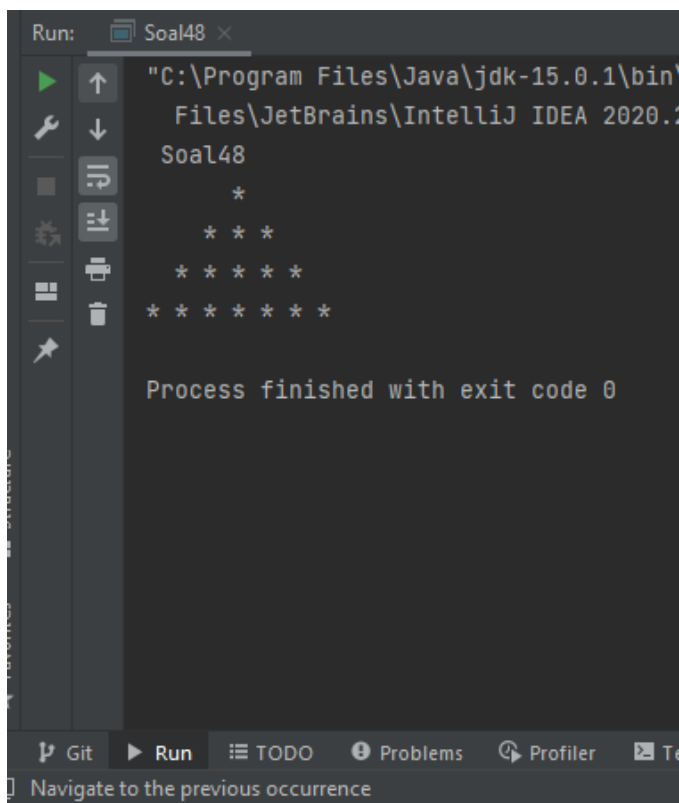
Git Run TODO Problems Profiler Terminal
All files are up-to-date (moments ago)
```

Soal 48 (5 poin)

48. Untuk tampilan berikut :



```
public class Soal48 {
    public static void main(String[] args) {
        for(int i=1;i<=4;i++) {
            for (int j=1;j<=7;j++) {
                if (j==4 || ((j==1||j==7) && i==4) || ((j==2 || j== 6) &&
i>=3) || ((j==3 || j==5) && i>=2)) {
                    System.out.print("* ");
                }
                else {
                    System.out.print("  ");
                }
            }
            System.out.println();
        }
    }
}
```

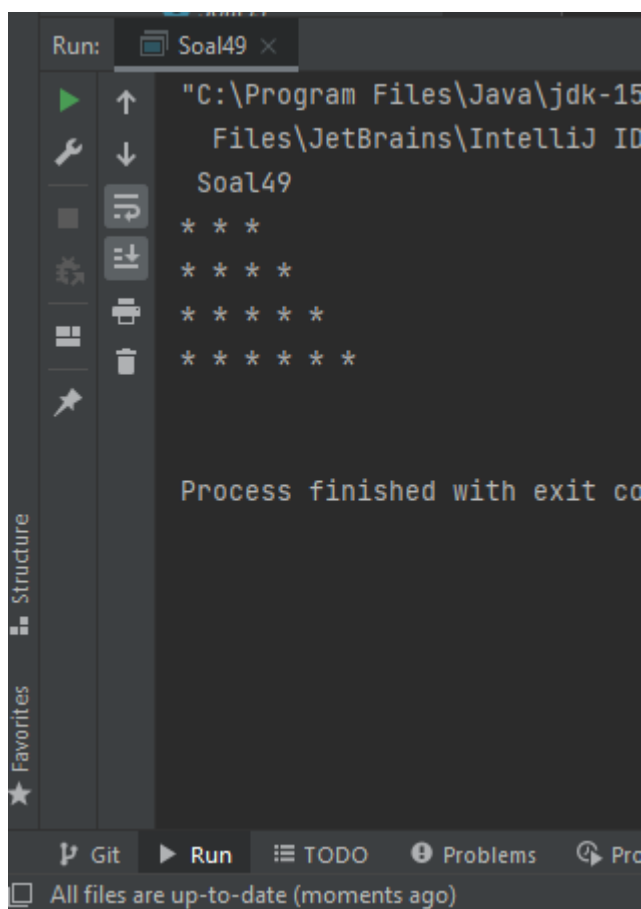


Soal 49 (4 poin)

49. Untuk tampilan berikut :

```
* * *
* * * *
* * * * *
* * * * * *
```

```
public class Soal49 {
    public static void main(String[] args) {
        for(int i=1;i<=4;i++) {
            for(int j=1;j<=5;j++) {
                if(j-2==i) {
                    break;
                }
                System.out.print("* ");
            }System.out.println("*");
        }System.out.println();
    }
}
```



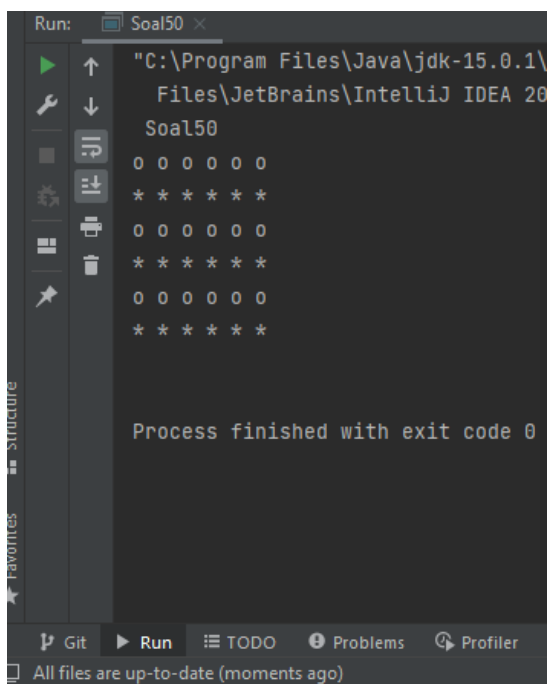
Soal 50 (4 poin)

50. Untuk tampilan berikut :

0	0	0	0	0	0
*	*	*	*	*	*
0	0	0	0	0	0
*	*	*	*	*	*
0	0	0	0	0	0
*	*	*	*	*	*

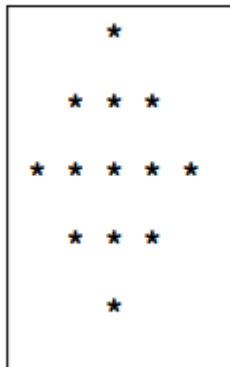
```
public class Soal50 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {
            for(int j=1;j <= 6 ; j++) {
                if( i == 1 || i == 3 || i == 5) {
                    System.out.print("o ");
                }else
                    System.out.print("* ");
            }
            System.out.println();
        }

        System.out.println();
    }
}
```

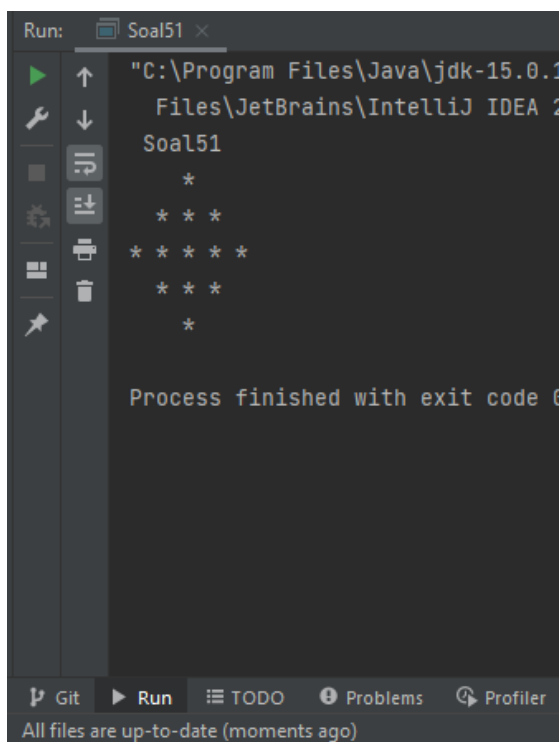


Soal 51 (6 poin)

51. Untuk tampilan berikut :



```
public class Soal51 {
    public static void main(String[] args) {
        for(int i=1;i<=5;i++) {
            for (int j=1;j<=5;j++) {
                if (j==3 || ((j==1||j==5) && i==3) || ((j==2 || j== 4) &&
(i==2 || i==3 || i==4))) {
                    System.out.print("* ");
                }
                else {
                    System.out.print("  ");
                }
            }
            System.out.println();
        }
    }
}
```

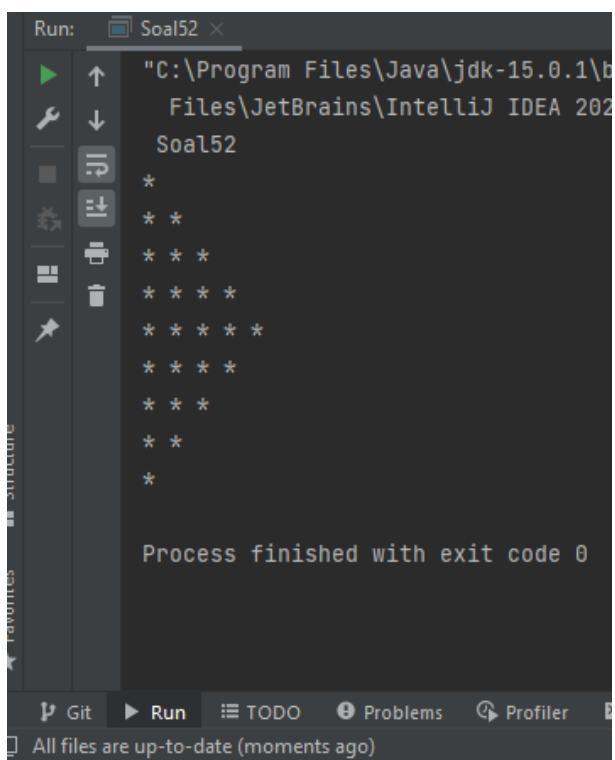


Soal 52 (6 poin)

52. Untuk tampilan berikut :

```
*
* *
* * *
* * * *
* * * * *
* * * * *
* * * *
* * *
* *
*
```

```
public class Soal52 {
    public static void main(String[] args) {
        for(int i=0;i<9;i++) {
            for(int j=0;j<9;j++) {
                System.out.print("* ");
                if(i==j) {
                    break;
                }else if( (i+j)==8) {
                    break;
                }
            }System.out.println();
        }
    }
}
```



```
Run: Soal52 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\lib\idea_rt.jar -Didea.launcher.jar=C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\bin\idea_rt.jar -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\config -Didea.system.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\bin -jar C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\bin\idea_rt.jar Soal52
*
* *
* * *
* * * *
* * * * *
* * * * *
* * * *
* * *
* *
*

Process finished with exit code 0
```

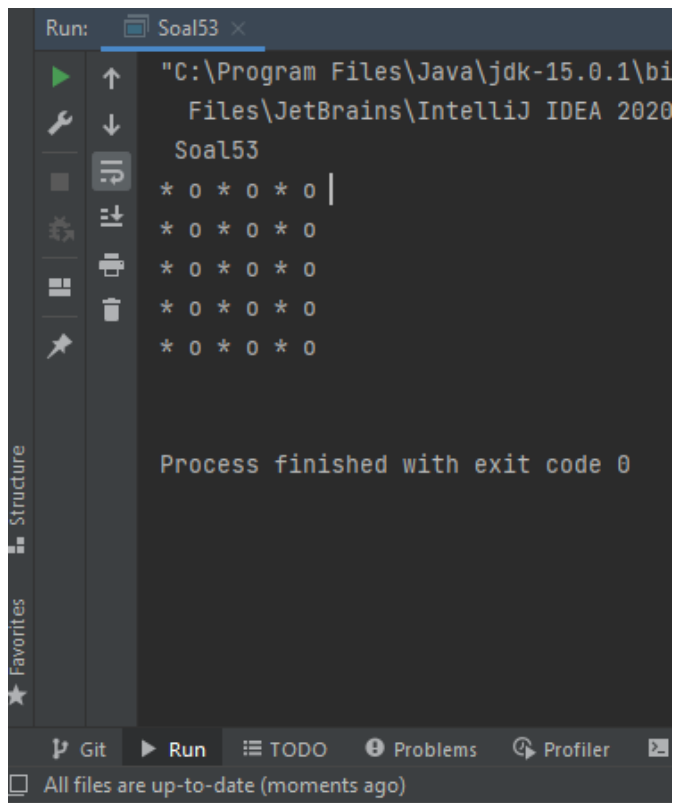
Soal 53 (5 poin)

53. Untuk tampilan berikut :

```
* 0 * 0 * 0
* 0 * 0 * 0
* 0 * 0 * 0
* 0 * 0 * 0
* 0 * 0 * 0
```

```
public class Soal53 {
    public static void main(String[] args) {
        for (int i = 1; i <= 5 ;i++) {
            for(int j=1;j <= 6 ; j++) {
                if( j == 1 || j == 3 || j == 5) {
                    System.out.print("* ");
                }else
                    System.out.print("o ");
            }
            System.out.println();
        }

        System.out.println();
    }
}
```



The screenshot shows the 'Run' window of IntelliJ IDEA. The title bar says 'Run: Soal53 x'. The main area displays the output of the program, which is a 5x6 grid of characters. The first row is '* 0 * 0 * 0 |', and the subsequent four rows are '* 0 * 0 * 0'. Below the grid, it says 'Process finished with exit code 0'. The left sidebar shows the 'Run' tab selected, with icons for Run, Debug, and other actions. The bottom status bar indicates 'All files are up-to-date (moments ago)'.

```
Run: Soal53 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\lib\idea_rt.jar -Didea.launcher.debug -Didea.launcher.path -Didea.java.home=C:\Program Files\Java\jdk-15.0.1 -Didea.platform.prefix=Java -Didea.vendor.id=JetBrains -Didea.version=2020.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA 2020.3\bin\idea_rt.jar -Didea.launcher.debug -Didea.launcher.path -Didea.java.home=C:\Program Files\Java\jdk-15.0.1 -Didea.platform.prefix=Java -Didea.vendor.id=JetBrains -Didea.version=2020.3

Soal53
* 0 * 0 * 0 |
* 0 * 0 * 0
* 0 * 0 * 0
* 0 * 0 * 0
* 0 * 0 * 0

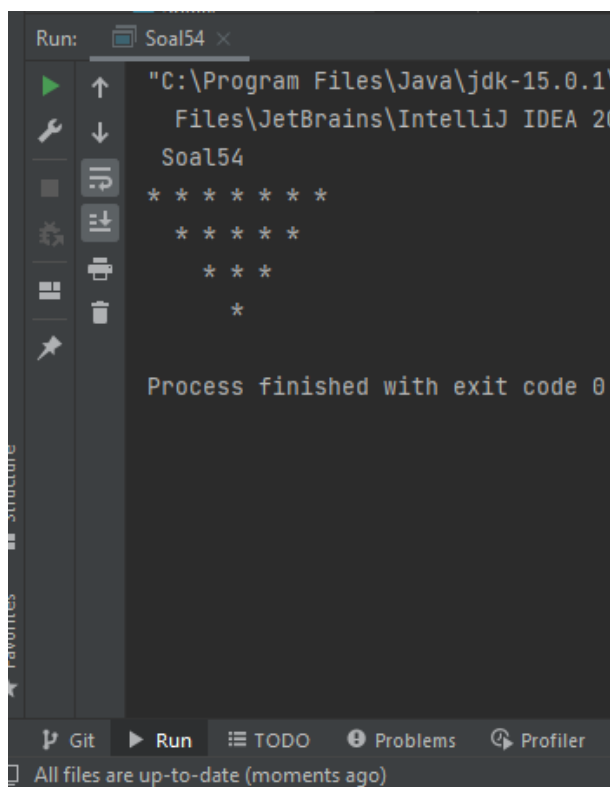
Process finished with exit code 0
```

Soal 54 (6 poin)

54. Untuk tampilan berikut :



```
public class Soal54 {
    public static void main(String[] args) {
        for(int i=1;i<=4;i++) {
            for (int j=1;j<=7;j++) {
                if (j==4 || ((j==1||j==7) && i<=1) || ((j==2 || j== 6) &&
(i<=2)) || ((j==3 || j==5) && (i<=3))) {
                    System.out.print("* ");
                }
                else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

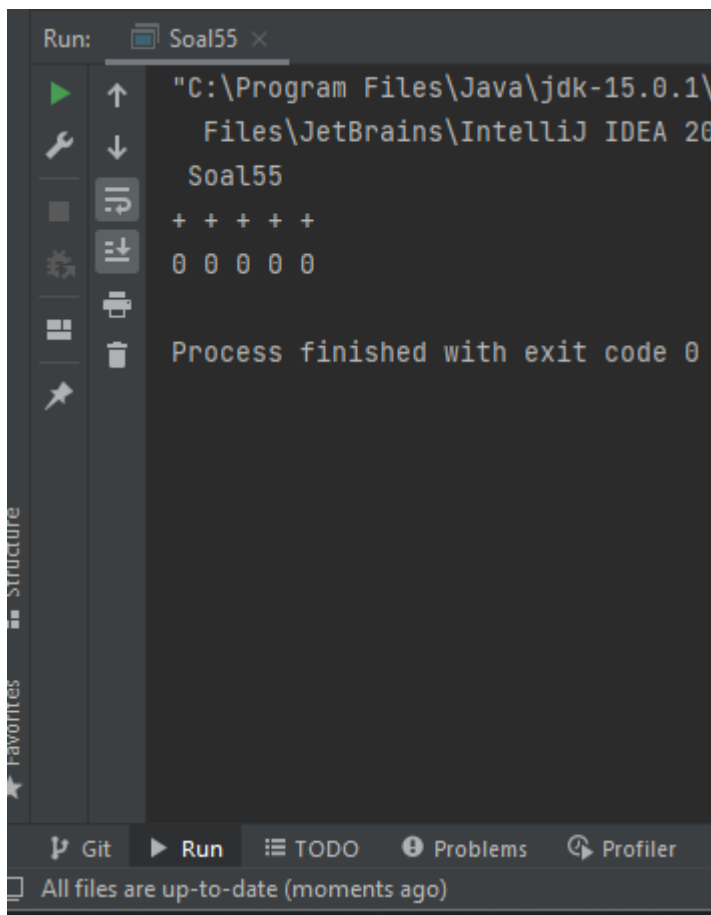


Soal 55 (4 poin)

55. Untuk tampilan berikut :

+	+	+	+	+
0	0	0	0	0

```
public class Soal55 {
    public static void main(String[] args) {
        for (int i = 1 ; i <= 2 ; i++) {
            for (int j = 1 ; j <=5 ; j++) {
                if (i ==1) {
                    System.out.print("+ ");
                } else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

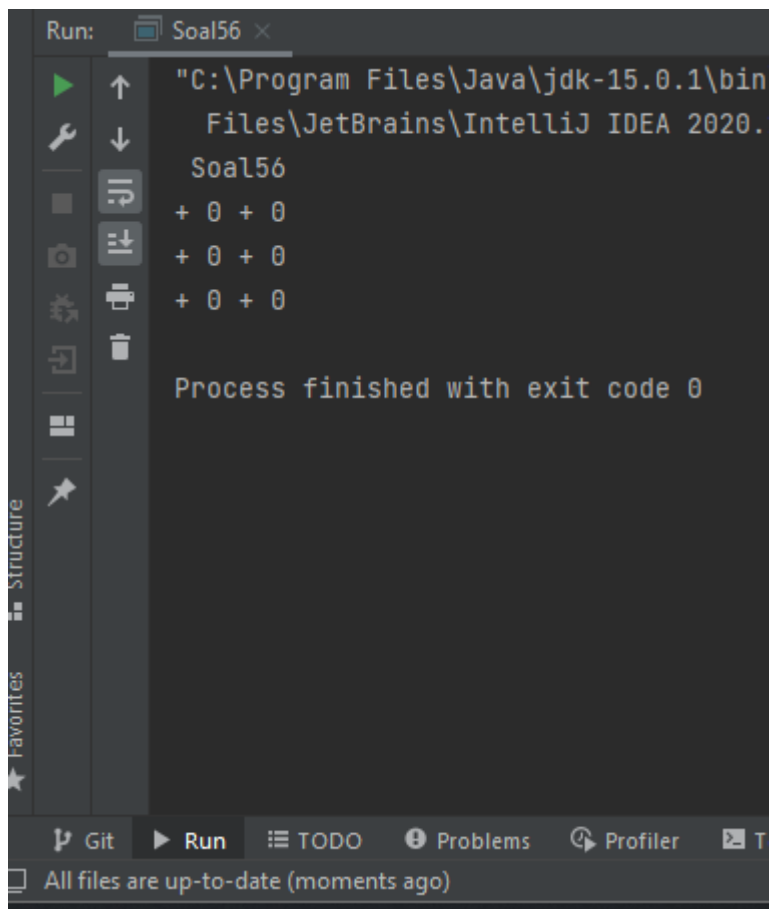


Soal 56 (4poin)

56. Untuk tampilan berikut :

```
+ 0 + 0
+ 0 + 0
+ 0 + 0
```

```
public class Soal56 {
    public static void main(String[] args) {
        for (int i = 1 ; i <= 3 ; i++) {
            for (int j = 1 ; j <=4 ; j++) {
                if (j ==1 || j == 3) {
                    System.out.print("+ ");
                } else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

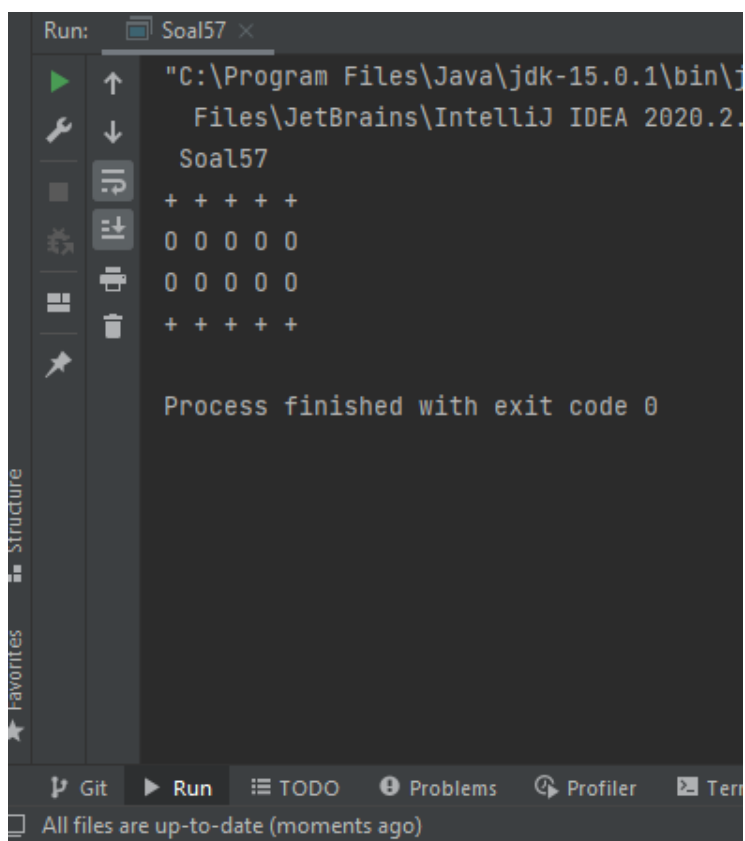


Soal 57 (5 poin)

57. Untuk tampilan berikut :

```
+ + + + +  
0 0 0 0 0  
0 0 0 0 0  
+ + + + +
```

```
public class Soal57 {  
    public static void main(String[] args) {  
        for (int i = 1 ; i <= 4 ; i++) {  
            for (int j = 1 ; j <= 5 ; j++) {  
                if (i == 2 || i == 3) {  
                    System.out.print("0 ");  
                } else {  
                    System.out.print("+ ");  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```



Soal 58 (6 poin)

58. Untuk tampilan berikut :

```
1 0 0 0
0 1 0 0
0 0 1 0
0 0 0 1
```

```
public class Soal58 {
    public static void main(String[] args) {
        for (int i = 1; i <= 4 ;i++) {
            for(int j=1;j <=4 ; j++) {
                if( i == j ) {
                    System.out.print("1 ");
                }else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

A screenshot of the IntelliJ IDEA IDE's Run console. The title bar at the top says "Run: Soal58 x". On the left side of the console, there is a vertical toolbar with icons for play, step up, step down, run with configuration, debug, print, and close. The main area of the console displays the following text:
"C:\Program Files\Java\jdk-15.0.1\bin\java
Files\JetBrains\IntelliJ IDEA 2020.2.3
Soal58
1 0 0 0
0 1 0 0
0 0 1 0
0 0 0 1

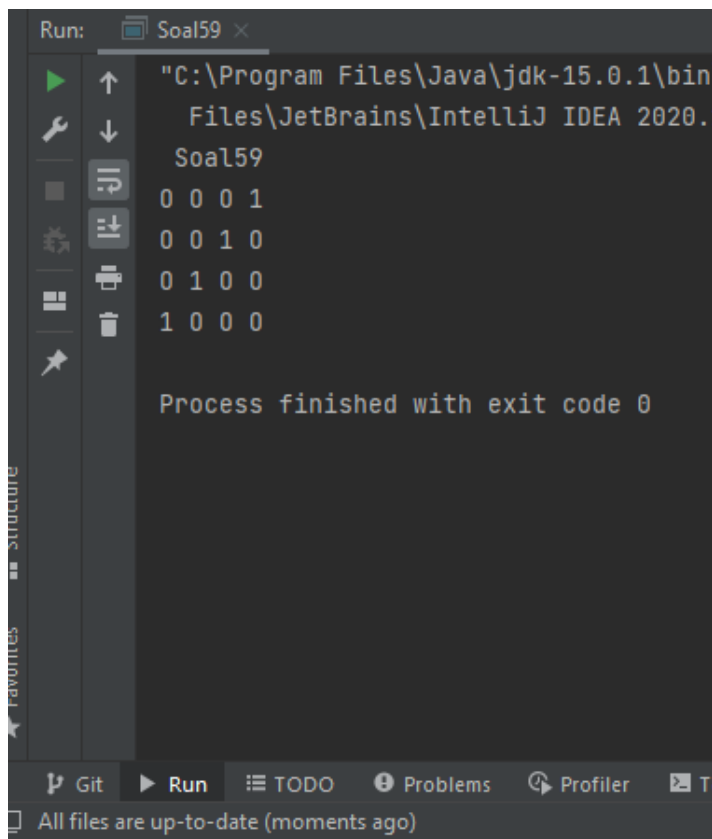
Process finished with exit code 0
At the bottom of the IDE window, there is a status bar with tabs for Git, Run, TODO, Problems, Profiler, and Terminal. Below these tabs, it says "All files are up-to-date (moments ago)".

Soal 59 (6 poin)

59. Untuk tampilan berikut :

0	0	0	1
0	0	1	0
0	1	0	0
1	0	0	0

```
public class Soal59 {
    public static void main(String[] args) {
        for (int i = 1; i <= 4 ;i++) {
            for(int j=1;j <=4 ; j++) {
                if( (i + j)==5 ) {
                    System.out.print("1 ");
                }else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

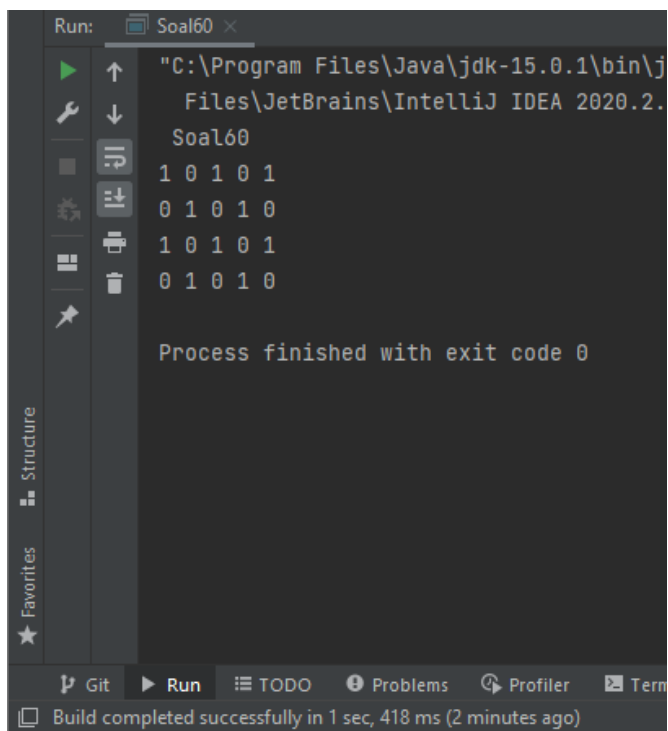


Soal 60 (6 poin)

60. Untuk tampilan berikut :

1	0	1	0	1
0	1	0	1	0
1	0	1	0	1
0	1	0	1	0

```
public class Soal60 {  
    public static void main(String[] args){  
        for (int i = 1; i <= 4; i++) {  
            for (int j = 1; j <= 5; j++) {  
                if (i % 2 == 1 && j % 2 == 1) {  
                    System.out.print("1 ");  
                } else if (i % 2 == 0 && j % 2 == 0) {  
                    System.out.print("1 ");  
                } else {  
                    System.out.print("0 ");  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```



The screenshot shows the Run console of IntelliJ IDEA. The output is as follows:

```
Run: Soal60 x  
"C:\Program Files\Java\jdk-15.0.1\bin\j  
Files\JetBrains\IntelliJ IDEA 2020.2.  
Soal60  
1 0 1 0 1  
0 1 0 1 0  
1 0 1 0 1  
0 1 0 1 0  
  
Process finished with exit code 0
```

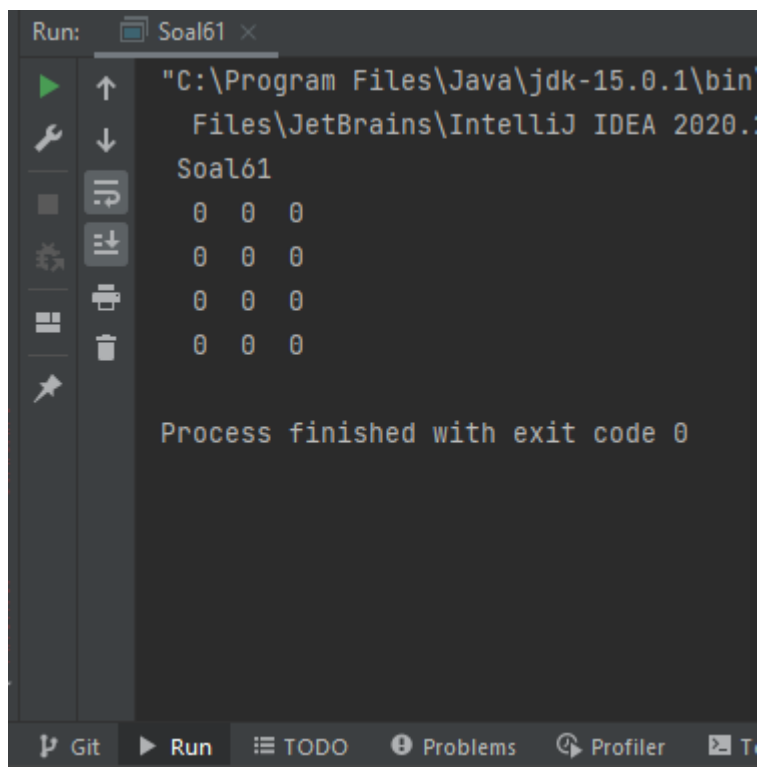
At the bottom, a status bar indicates: "Build completed successfully in 1 sec, 418 ms (2 minutes ago)".

Soal 61 (3 poin)

61. Untuk tampilan berikut :

0	0	0
0	0	0
0	0	0
0	0	0

```
public class Soal61 {  
    public static void main(String[] args) {  
        for(int i=1;i<=4;i++) {  
            for(int j=1;j<=3;j++) {  
                System.out.print("  0");  
            }System.out.println();  
        }  
    }  
}
```



Run: Soal61 x

```
"C:\Program Files\Java\jdk-15.0.1\bin  
Files\JetBrains\IntelliJ IDEA 2020.3  
Soal61  
  0  0  0  
  0  0  0  
  0  0  0  
  0  0  0  
  
Process finished with exit code 0
```

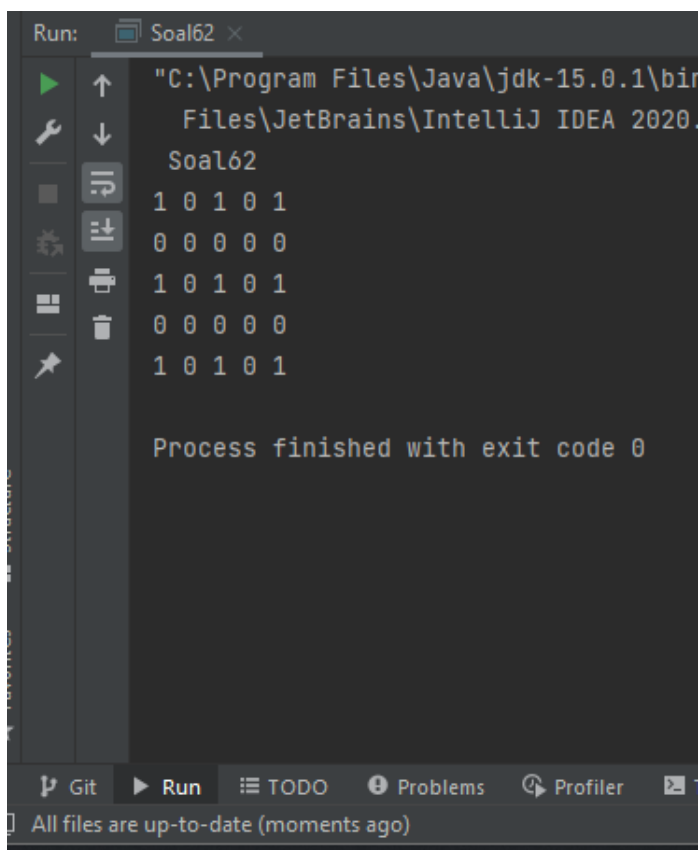
Git Run TODO Problems Profiler T

Soal 62 (6 poin)

62. Untuk tampilan berikut :

1	0	1	0	1
0	0	0	0	0
1	0	1	0	1
0	0	0	0	0
1	0	1	0	1

```
public class Soal62 {  
    public static void main(String[] args) {  
        for(int i=1;i<=5;i++) {  
            for(int j=1;j<=5;j++) {  
                if(i==2||i==4||j==2||j==4) {  
                    System.out.print("0 ");  
                }else {  
                    System.out.print("1 ");  
                }  
            }System.out.println();  
        }  
    }  
}
```



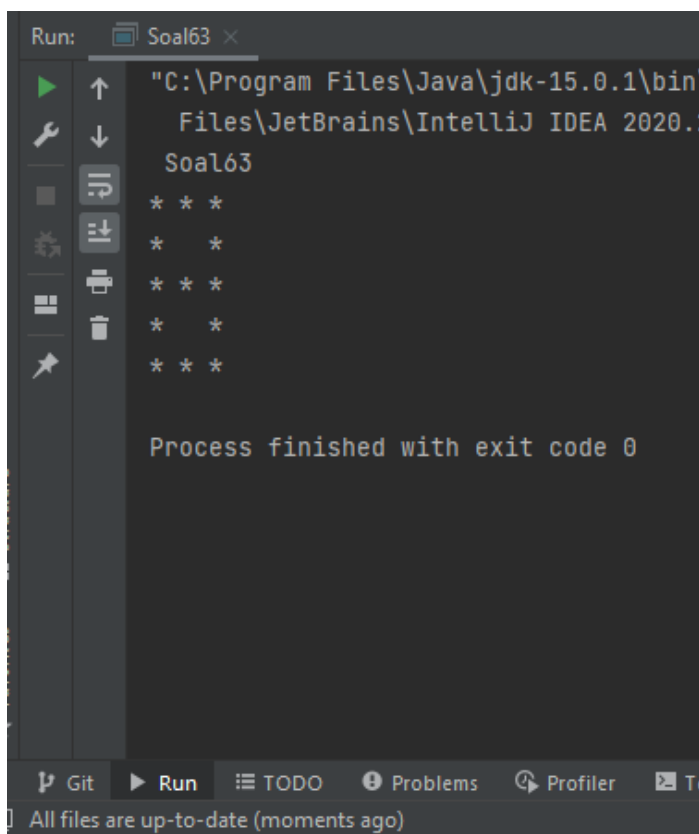
```
Run: Soal62 x  
"C:\Program Files\Java\jdk-15.0.1\bin  
Files\JetBrains\IntelliJ IDEA 2020.  
Soal62  
1 0 1 0 1  
0 0 0 0 0  
1 0 1 0 1  
0 0 0 0 0  
1 0 1 0 1  
  
Process finished with exit code 0  
  
Git Run TODO Problems Profiler  
All files are up-to-date (moments ago)
```


Soal 63 (5 poin)

63. Untuk tampilan berikut :

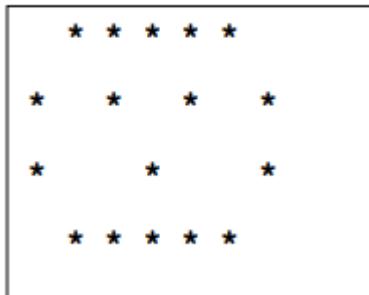
```
* * *
*  *
* * *
*  *
* * *
```

```
public class Soal63 {
    public static void main(String[] args) {
        for(int i=1;i<=5;i++) {
            for(int j=1;j<=3;j++) {
                if(i==1||i==3||i==5||j==1||j==3) {
                    System.out.print("* ");
                }else {
                    System.out.print("  ");
                }
            }System.out.println();
        }
    }
}
```

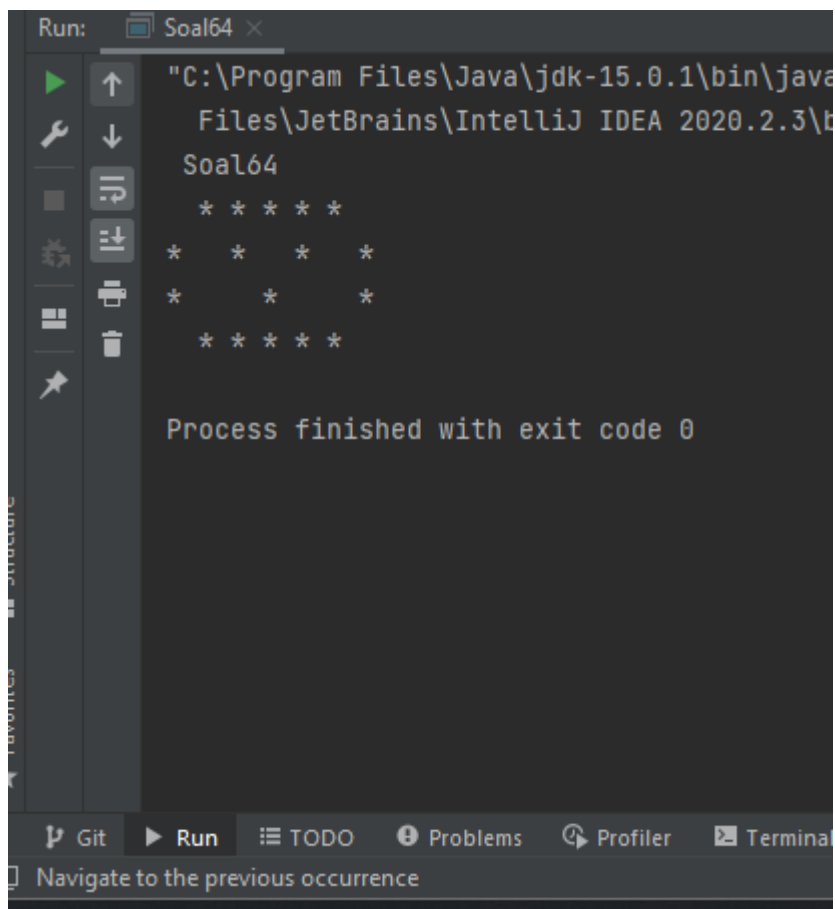


Soal 64 (5 poin)

64. Untuk tampilan berikut :



```
public class Soal64 {
    public static void main(String[] args) {
        for(int i=1;i<=4;i++) {
            for(int j=1;j<=7;j++) {
                if((i==3 && (j == 1 || j== 4 || j == 7))||(i==2 && (j == 1
|| j== 3 || j == 5 || j == 7)) || ((i==1 || i ==4) && (j>=2 && j<=6))) {
                    System.out.print("* ");
                }else {
                    System.out.print("  ");
                }
            }System.out.println();
        }
    }
}
```

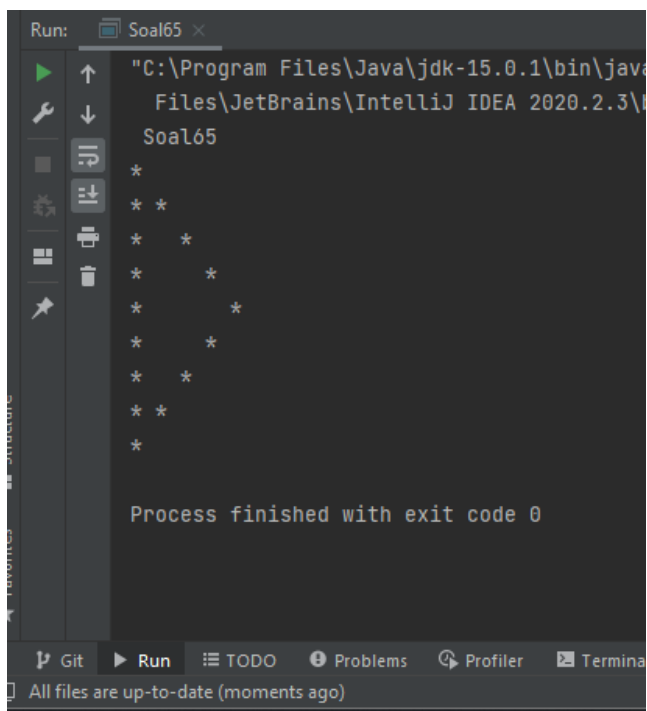


Soal 65 (6 poin)

65. Untuk tampilan berikut :

```
*  
  
* *  
  
*  *  
  
*    *  
  
*      *  
  
*    *  
  
*  *  
  
*
```

```
public class Soal65 {  
    public static void main(String[] args) {  
        for(int i=1;i<=9;i++) {  
            for(int j=1;j<=5;j++) {  
                if(j==1 || (j==2 && (i==2 || i==8)) || (j==3 && (i==3 ||  
i==7)) || (j==4 && (i==4 || i==6)) || (j==5 && i==5)) {  
                    System.out.print("* ");  
                }else {  
                    System.out.print("  ");  
                }  
            }System.out.println();  
        }  
    }  
}
```



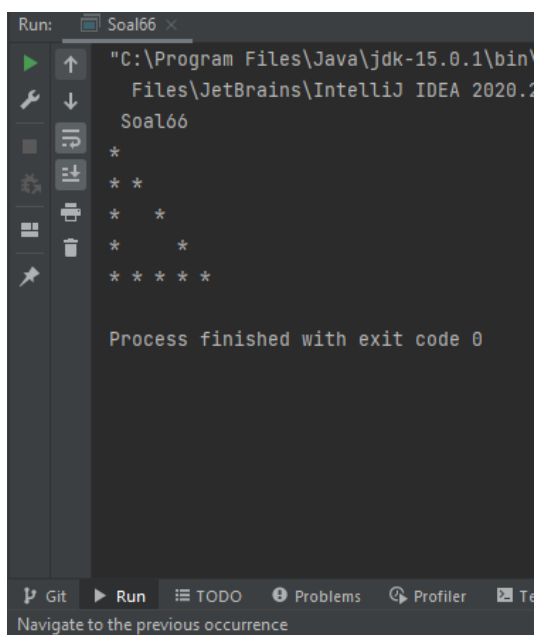
```
Run: Soal65 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java"  
Files\JetBrains\IntelliJ IDEA 2020.2.3\  
Soal65  
*  
* *  
*  *  
*    *  
*      *  
*    *  
*  *  
*  
Process finished with exit code 0  
Git Run TODO Problems Profiler Termina  
All files are up-to-date (moments ago)
```

Soal 66 (6 poin)

66. Untuk tampilan berikut :

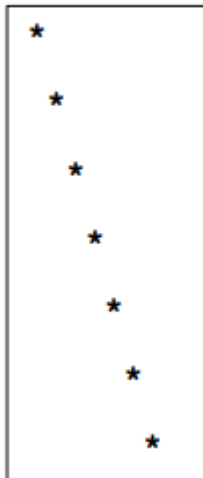


```
public class Soal66 {  
    public static void main(String[] args) {  
        for (int i = 1; i < 5; i++) {  
            for(int j = 1; j<= i; j++) {  
                if (j == 1 || j == i) {  
                    System.out.print("* ");  
                }else {  
                    System.out.print("  ");  
                }  
            }  
            if (i == 5-1) {  
                System.out.println();  
                for (int j = 0; j < i+1; j++) {  
                    System.out.print("* ");  
                }  
            }  
            System.out.println();  
        }  
    }  
}
```

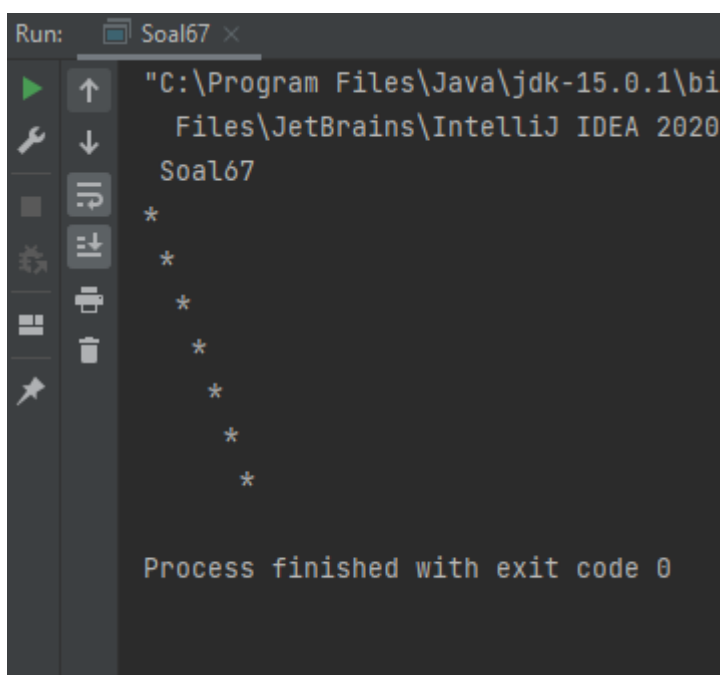


Soal 67 (3 poin)

67. Untuk tampilan berikut :

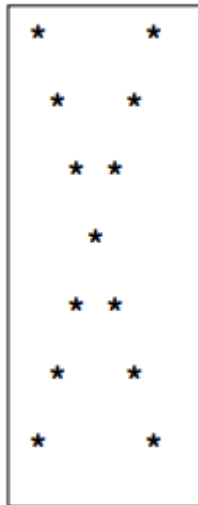


```
public class Soal67 {
    public static void main(String[] args) {
        for (int i = 1; i <= 7 ;i++) {
            for(int j=1;j <=7 ; j++) {
                if( i == j ) {
                    System.out.print("* ");
                }else {
                    System.out.print(" ");
                }
            }
            System.out.println();
        }
    }
}
```

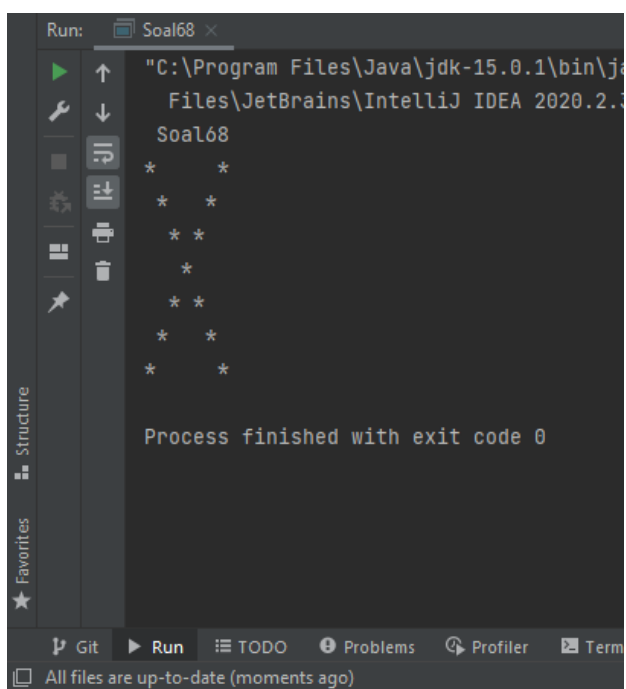


Soal 68 (6 poin)

68. Untuk tampilan berikut :

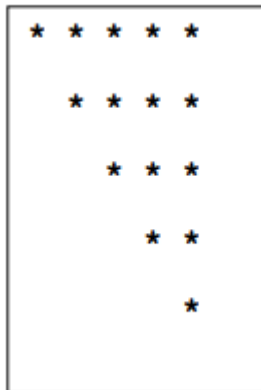


```
public class Soal68 {
    public static void main(String[] args) {
        for(int i=1;i<=7;i++) {
            for(int j=1;j<=7;j++) {
                if((i+j)==8) {
                    System.out.print("*");
                }else if(i==j) {
                    System.out.print("*");
                }else {
                    System.out.print(" ");
                }
            }System.out.println();
        }
    }
}
```



Soal 69 (6 poin)

69. Untuk tampilan berikut :



```
public class Soal69 {
    public static void main(String[] args) {
        for(int i=1;i<=5;i++) {
            for(int j=1;j<=i;j++) {
                System.out.print(" ");
            }for(int j=i;j<=5;j++) {
                System.out.print("* ");
            }System.out.println();
        }
    }
}
```

```
Run: Soal69 x
"C:\Program Files\Java\jdk-15.0.1\bin\j
Files\JetBrains\IntelliJ IDEA 2020.2.
Soal69
* * * * *
 * * * *
  * * *
   * *
    *

Process finished with exit code 0

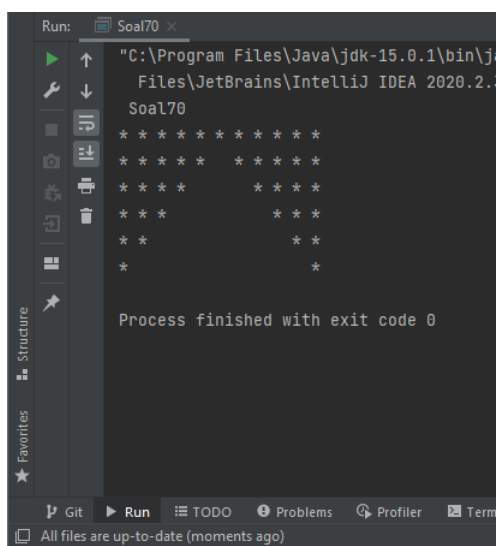
Git Run TODO Problems Profiler Term
All files are up-to-date (moments ago)
```

Soal 70 (6 poin)

70. Untuk tampilan berikut :

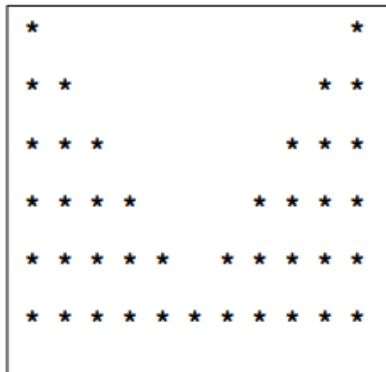
```
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

```
public class Soal70 {
    public static void main(String[] args) {
        int space = -1;
        for(int i=6;i>=1;i--) {
            if (i==6) {
                for (int L = 1;L<=i-1;L++) {
                    System.out.print("* ");
                }
            }
            else {
                for (int L = 1;L<=i;L++) {
                    System.out.print("* ");
                }
            }
            for (int S = 1;S <= space;S++) {
                System.out.print(" ");
            }
            for (int R = 1;R<=i;R++) {
                System.out.print("* ");
            }
            space = space + 2;
            System.out.println();
        }
    }
}
```

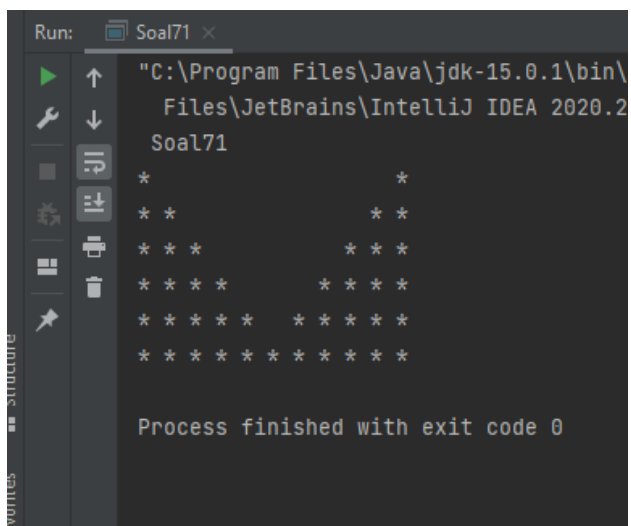


Soal 71 (6 poin)

71. Untuk tampilan berikut :

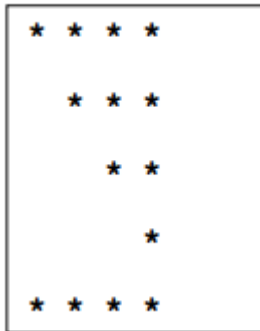


```
public class Soal71 {
    public static void main(String[] args) {
        int space = 9;
        for(int i=1;i<=6;i++) {
            if (i==6) {
                for (int L = 1;L<=i-1;L++) {
                    System.out.print("* ");
                }
            }
            else {
                for (int L = 1;L<=i;L++) {
                    System.out.print("* ");
                }
            }
            for (int S = 1;S <= space;S++) {
                System.out.print(" ");
            }
            for (int R = 1;R<=i;R++) {
                System.out.print("* ");
            }
            space = space - 2;
            System.out.println();
        }
    }
}
```

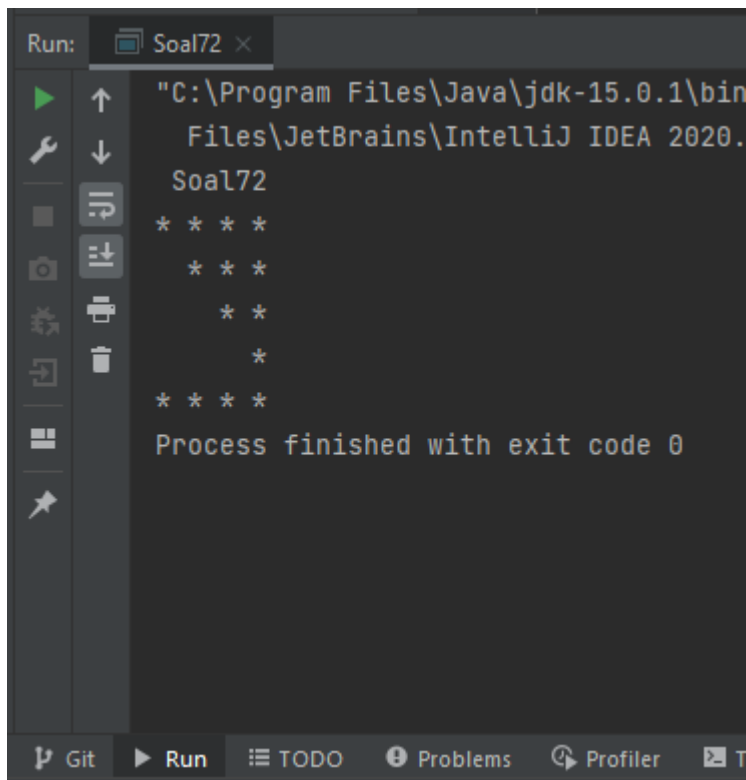


Soal 72 (6 poin)

72. Untuk tampilan berikut :



```
public class Soal72 {  
    public static void main(String[] args) {  
        for(int i=1;i<=4;i++) {  
            for(int j=2;j<=i;j++) {  
                System.out.print("  ");  
            }for(int j=i;j<=4;j++) {  
                System.out.print("* ");  
            }System.out.println();  
        }for(int k=1;k<=4;k++) {  
            System.out.print("* ");  
        }  
    }  
}
```



Soal 73 (6 poin)

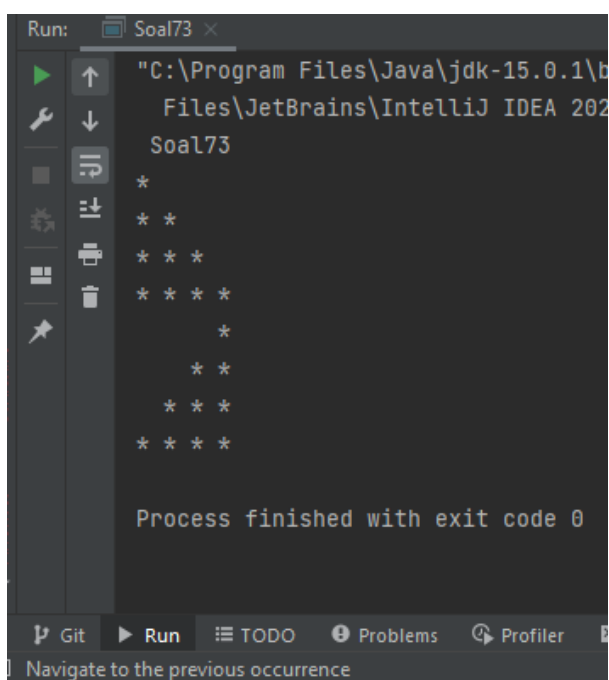
73. Untuk tampilan berikut :

```

*
* *
* * *
* * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

```

```
public class Soal73 {
    public static void main(String[] args) {
        for (int i = 1; i <= 4; i++) {
            for (int j = 1; j <= i; j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
        for (int i = 1; i <= 4; i++) {
            for (int j = i; j <= 3; j++) {
                System.out.print(" ");
            }
            for (int j = 1; j <= i; j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

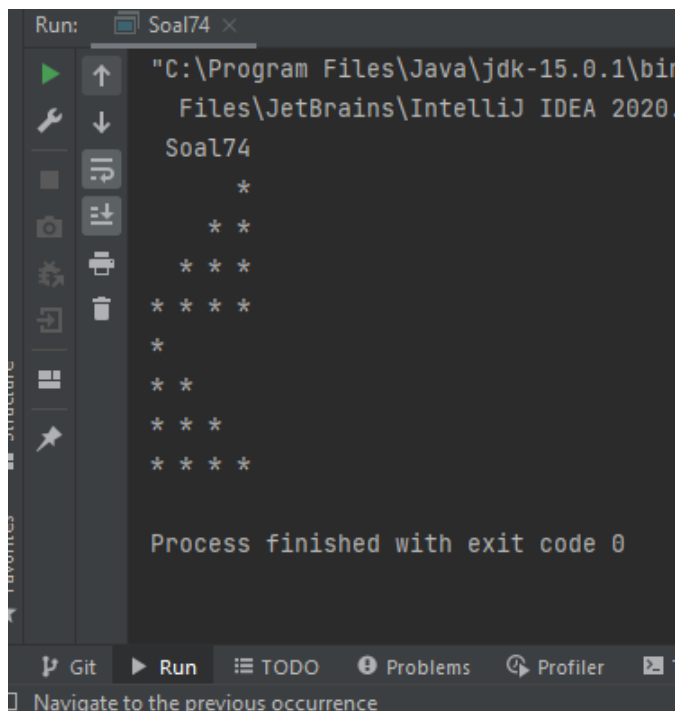


Soal 74 (6 poin)

74. Untuk tampilan berikut :

*
 * *
 * * *
 * * * *
 *
 * *
 * * *
 * * * *

```
public class Soal74 {
    public static void main(String[] args) {
        for(int i=1;i<=4;i++) {
            for (int j=i;j<=3;j++) {
                System.out.print(" ");
            }for(int j=1;j<=i;j++) {
                System.out.print("* ");
            }System.out.println();
        }
        for (int i =1; i<= 4;i++) {
            for (int j =1;j<= i; j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

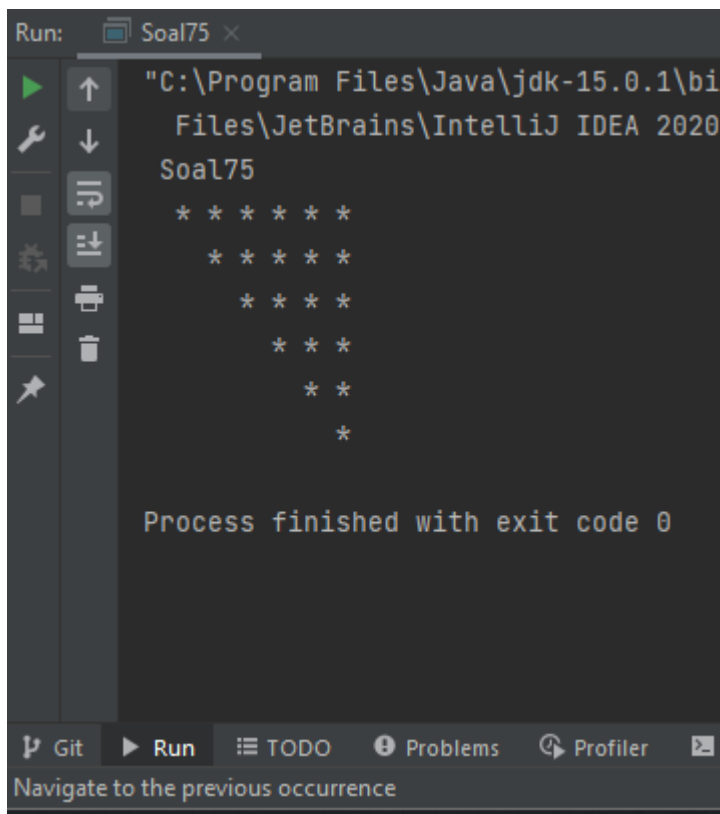


Soal 75 (6 poin)

75. Untuk tampilan berikut :

A triangular arrangement of 15 stars. The top row contains 6 stars, and each subsequent row below it contains one fewer star than the row above, ending with a single star in the bottom row.

```
public class Soal175 {
    public static void main(String[] args) {
        for(int i=1;i<=6;i++) {
            for(int j=1;j<=i;j++) {
                System.out.print(" ");
            }for(int j=i;j<=6;j++) {
                System.out.print("* ");
            }System.out.println();
        }
    }
}
```



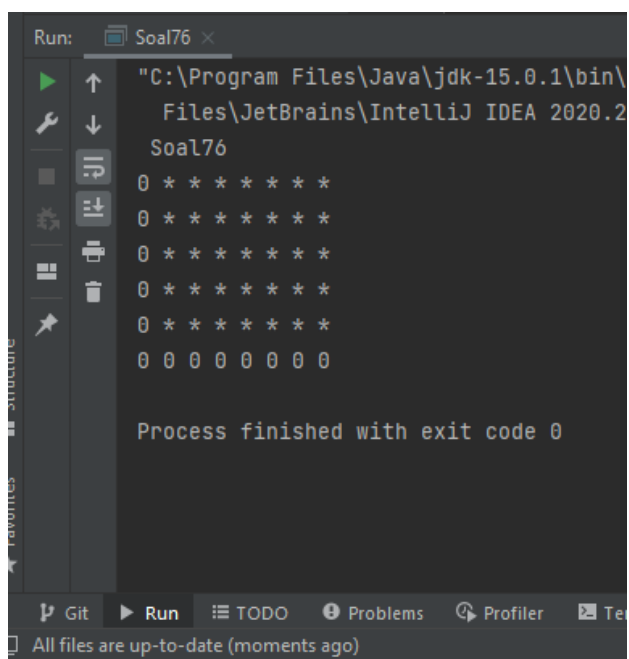
Soal 76 (5 poin)

76. Untuk tampilan berikut :

```
0 * * * * *
0 * * * * *
0 * * * * *
0 * * * * *
0 * * * * *
0 0 0 0 0 0 0
```

```
public class Soal76 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {

            for(int j=1;j <=8 ; j++) {
                if (i == 6 || j == 1){
                    System.out.print("0 ");
                }else {
                    System.out.print("* ");
                }
            }
            System.out.println();
        }
    }
}
```



Soal 77 (6 poin)

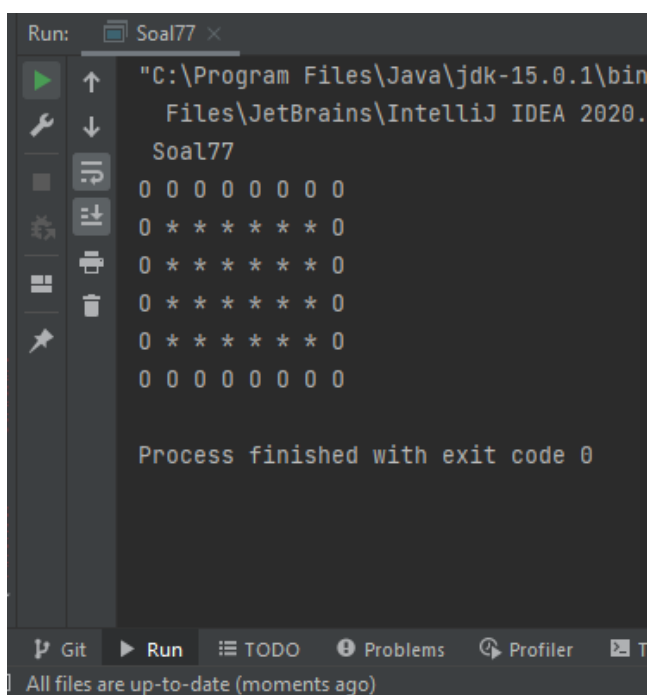
77. Untuk tampilan berikut :

```
0 0 0 0 0 0 0 0
0 * * * * * 0
0 * * * * * 0
0 * * * * * 0
0 * * * * * 0
0 0 0 0 0 0 0 0
```

```
public class Soal77 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {

            for(int j=1;j <=8 ; j++) {
                if (i == 1|| i == 6 || j == 1|| j == 8){
                    System.out.print("0 ");
                }else {
                    System.out.print("* ");
                }

            }
            System.out.println();
        }
    }
}
```



```
Run: Soal77 x
"C:\Program Files\Java\jdk-15.0.1\bin
Files\JetBrains\IntelliJ IDEA 2020.
Soal77
0 0 0 0 0 0 0 0
0 * * * * * 0
0 * * * * * 0
0 * * * * * 0
0 * * * * * 0
0 0 0 0 0 0 0 0

Process finished with exit code 0

Git Run TODO Problems Profiler T
All files are up-to-date (moments ago)
```

Soal 78 (5 poin)

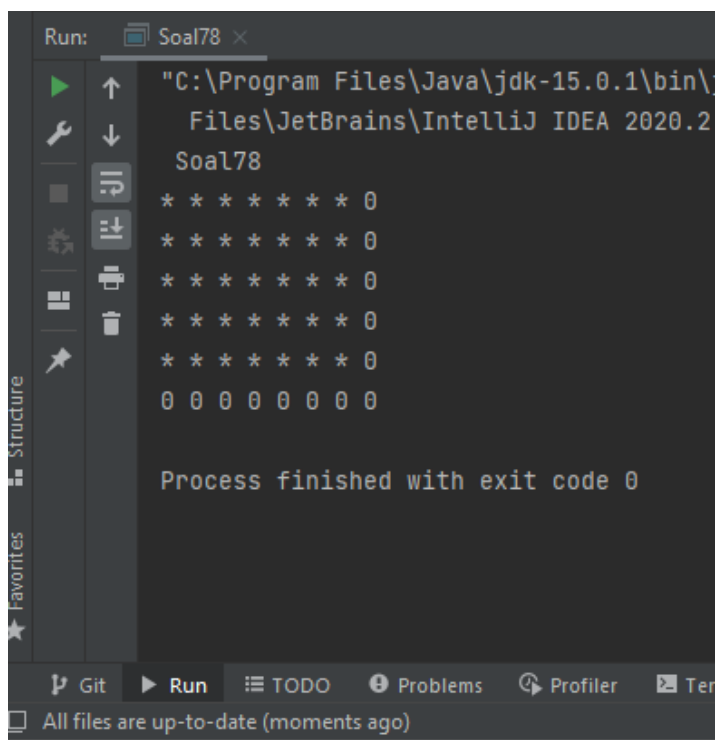
78. Untuk tampilan berikut :

```

* * * * * 0
* * * * * 0
* * * * * 0
* * * * * 0
* * * * * 0
0 0 0 0 0 0 0

```

```
public class Soal78 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {
            for(int j=1;j <=8 ; j++) {
                if (i == 6 || j == 8){
                    System.out.print("0 ");
                }else {
                    System.out.print("* ");
                }
            }
            System.out.println();
        }
    }
}
```



Soal 79 (6 poin)

79. Untuk tampilan berikut :

```
* * * * *
* * * * *
* * * * 
* * * * 
* * * 
* * 
* 
* * 
* * * 
* * * * 
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
```

```
public class Soal79 {
    public static void main(String[] args) {
        for(int i=1;i<=13;i++) {
            for(int j=7;j<=i;j++) {
                if (i>7)System.out.print("* ");
            }
            for(int j=i;j<=7;j++) {
                System.out.print("* ");
            }
            System.out.println();
        }
    }
}
```

```
Run: Soal79 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe"
Files\JetBrains\IntelliJ IDEA 2020.2.3
Soal79
* * * * *
* * * * *
* * * * 
* * * * 
* * * 
* * 
* 
* * 
* * * 
* * * * 
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

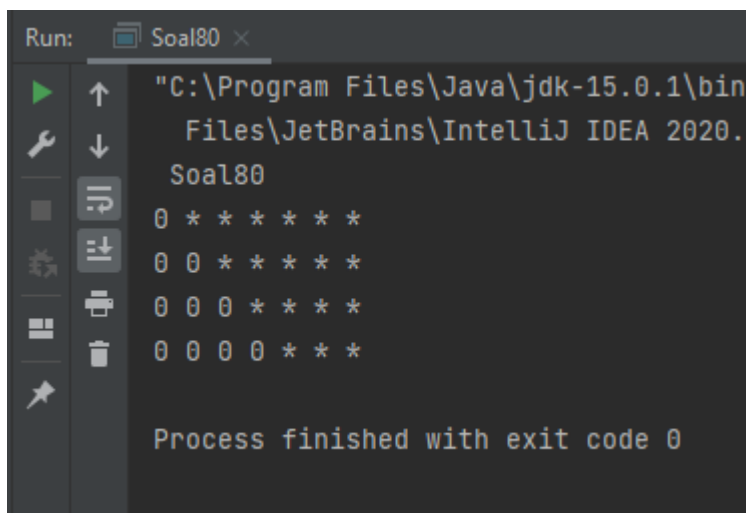
Process finished with exit code 0
```

Soal 80 (6 poin)

80. Untuk tampilan berikut :

```
0 * * * * *
0 0 * * * *
0 0 0 * * *
0 0 0 0 * * *
```

```
public class Soal80 {
    public static void main(String[] args) {
        for (int i =1; i<=4;i++) {
            for (int j =1;j<=7; j++) {
                if ((j == 1|| j == 2 && i >= 2|| j == 3 && i >= 3 || j == 4
&& i == 4)) {
                    System.out.print("0 ");
                } else {
                    System.out.print("* ");
                }
            }
            System.out.println();
        }
    }
}
```



```
Run: Soal80 x
"C:\Program Files\Java\jdk-15.0.1\bin
Files\JetBrains\IntelliJ IDEA 2020.
Soal80
0 * * * * *
0 0 * * * *
0 0 0 * * *
0 0 0 0 * * *

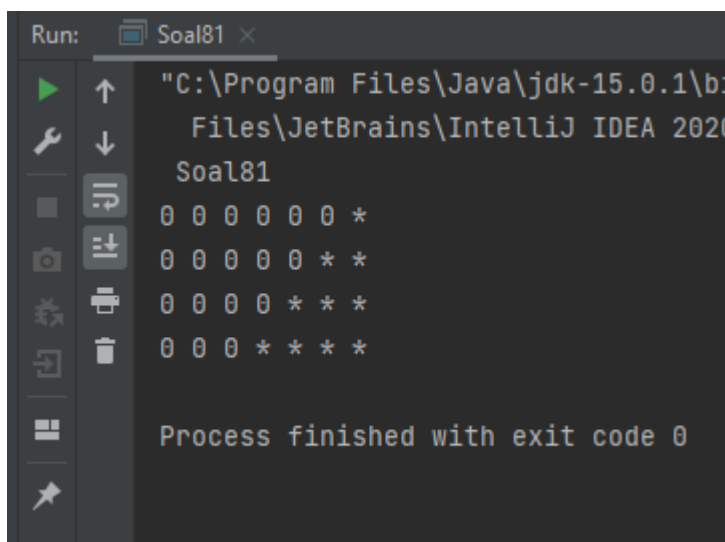
Process finished with exit code 0
```

Soal 81 (6 poin)

81. Untuk tampilan berikut :

0	0	0	0	0	0	*
0	0	0	0	0	*	*
0	0	0	0	*	*	*
0	0	0	*	*	*	*

```
public class Soal81 {
    public static void main(String[] args) {
        for (int i =1; i<=4;i++) {
            for (int j =1;j<=7; j++) {
                if ((j == 7|| j == 6 && i >= 2|| j == 5 && i >=3 || j == 4
&& i == 4)) {
                    System.out.print("* ");
                } else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

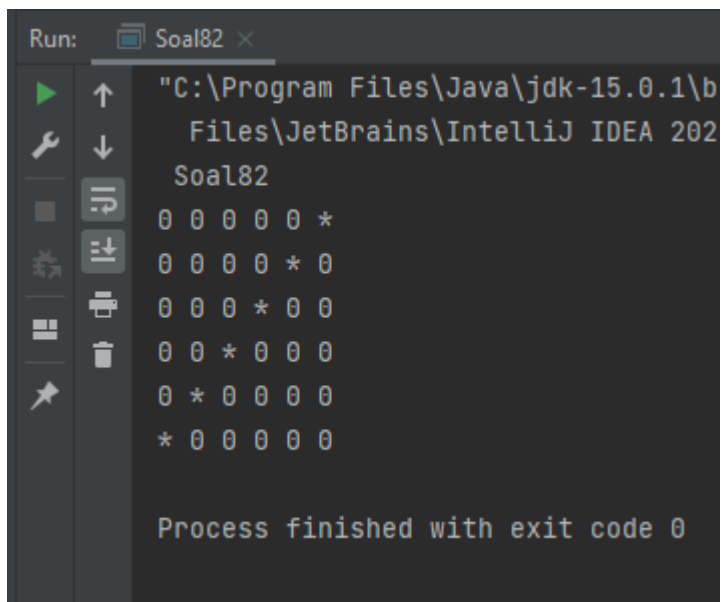


Soal 82 (6 poin)

82. Untuk tampilan berikut :

0	0	0	0	0	*
0	0	0	0	*	0
0	0	0	*	0	0
0	0	*	0	0	0
0	*	0	0	0	0
*	0	0	0	0	0

```
public class Soal82 {  
    public static void main(String[] args) {  
        for(int i=1;i<=6;i++) {  
            for(int j=1;j<=6;j++) {  
                if((i+j)==7) {  
                    System.out.print("* ");  
                }else {  
                    System.out.print("0 ");  
                }  
            }System.out.println();  
        }  
    }  
}
```



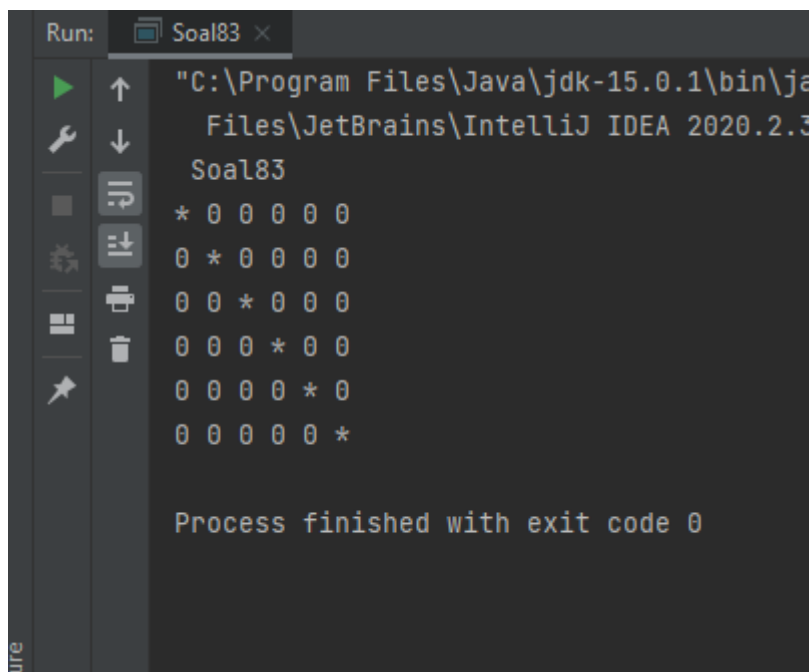
```
Run: Soal82 x  
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" -Djetbrains.idea.version=2021.1 -jar C:\Program Files\JetBrains\IntelliJ IDEA 2021.1\bin\idea.jar  
Soal82  
0 0 0 0 0 *  
0 0 0 0 * 0  
0 0 0 * 0 0  
0 0 * 0 0 0  
0 * 0 0 0 0  
* 0 0 0 0 0  
  
Process finished with exit code 0
```

Soal 83 (6 poin)

83. Untuk tampilan berikut :

*	0	0	0	0	0
0	*	0	0	0	0
0	0	*	0	0	0
0	0	0	*	0	0
0	0	0	0	*	0
0	0	0	0	0	*

```
public class Soal83 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {
            for(int j=1;j <=6 ; j++) {
                if( i == j ) {
                    System.out.print("* ");
                }else {
                    System.out.print("0 ");
                }
            }
            System.out.println();
        }
    }
}
```

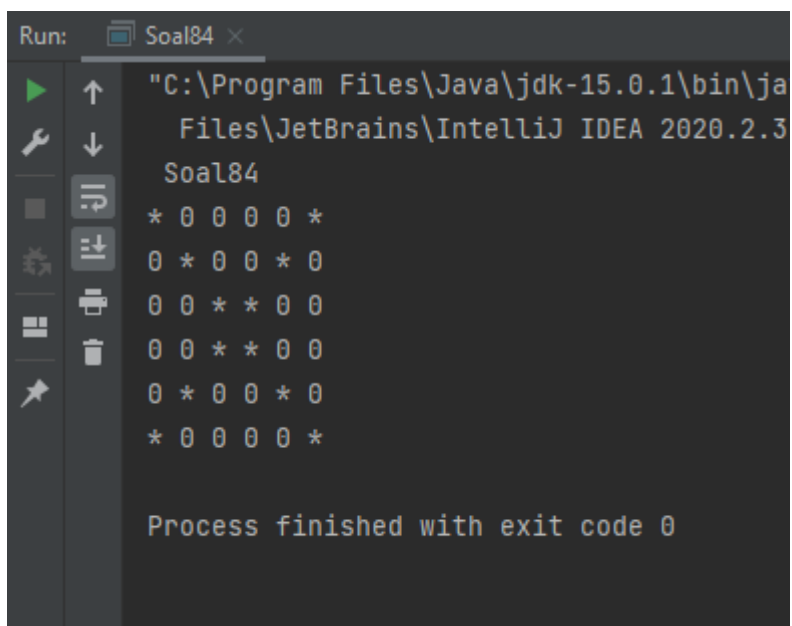


Soal 84 (6 poin)

84. Untuk tampilan berikut :

*	0	0	0	0	*
0	*	0	0	*	0
0	0	*	*	0	0
0	0	*	*	0	0
0	*	0	0	*	0
*	0	0	0	0	*

```
public class Soal84 {  
    public static void main(String[] args) {  
        for(int i=1;i<=6;i++) {  
            for(int j=1;j<=6;j++) {  
                if((i+j)==7) {  
                    System.out.print("* ");  
                }else if(i==j) {  
                    System.out.print("* ");  
                }else {  
                    System.out.print("0 ");  
                }  
            }System.out.println();  
        }  
    }  
}
```



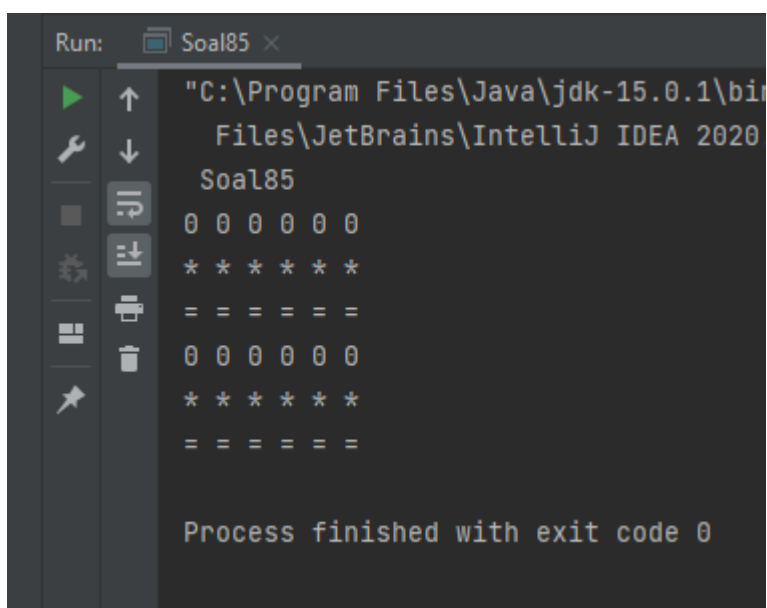
```
Run: Soal84 x  
"C:\Program Files\Java\jdk-15.0.1\bin\ja  
Files\JetBrains\IntelliJ IDEA 2020.2.3  
Soal84  
* 0 0 0 0 *  
0 * 0 0 * 0  
0 0 * * 0 0  
0 0 * * 0 0  
0 * 0 0 * 0  
* 0 0 0 0 *  
  
Process finished with exit code 0
```

Soal 85 (5 poin)

85. Untuk tampilan berikut :

```
0 0 0 0 0 0
* * * * *
= = = = =
0 0 0 0 0 0
* * * * *
= = = = =
```

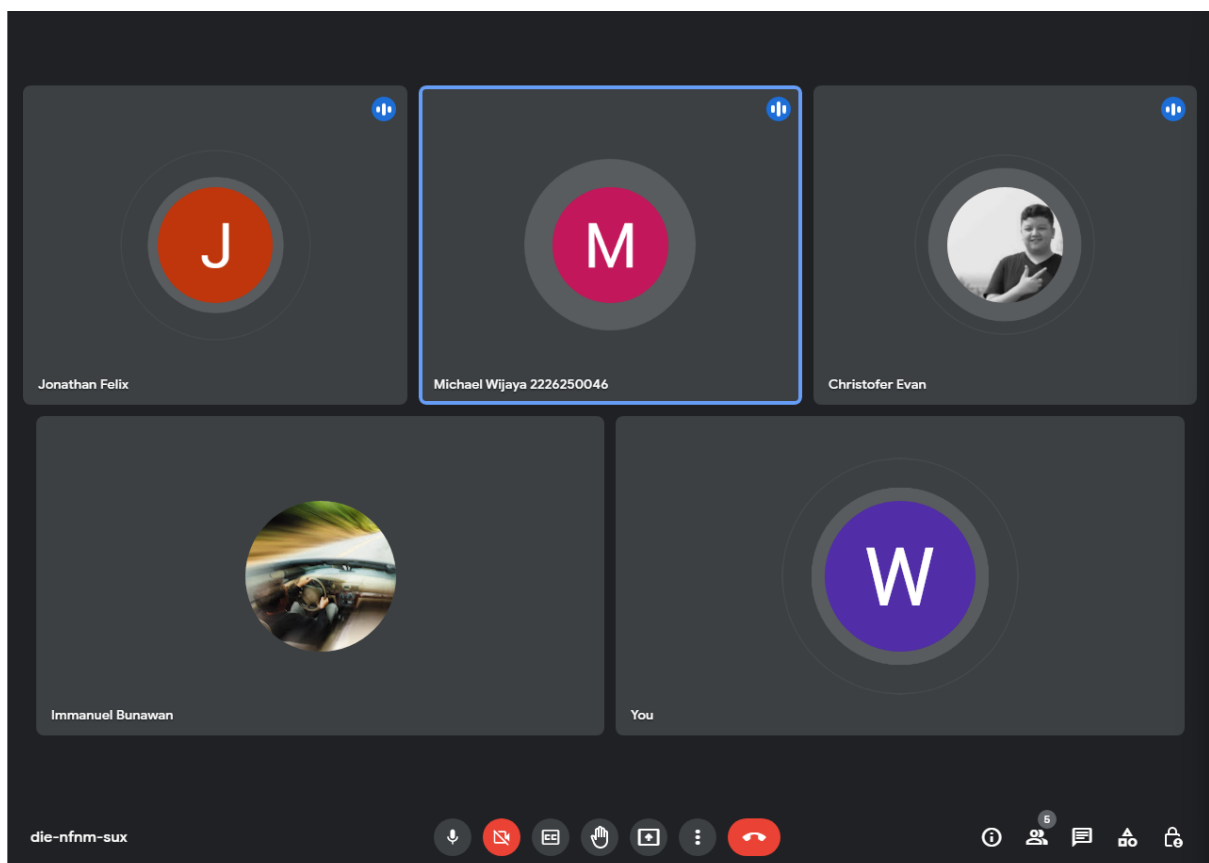
```
public class Soal85 {
    public static void main(String[] args) {
        for (int i = 1; i <= 6 ;i++) {
            for(int j=1;j <= 6 ; j++) {
                if( i == 1 || i == 4 ) {
                    System.out.print("0 ");
                }else if (i == 2 || i== 5){
                    System.out.print("* ");
                } else {
                    System.out.print("=" );
                }
            }
            System.out.println();
        }
    }
}
```



```
Run: Soal85 x
"C:\Program Files\Java\jdk-15.0.1\bin\java.exe" -Djava.class.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\lib\idea_rt.jar -Didea.launcher.port=4040 -Didea.launcher.debug= -Didea.launcher.path=C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\bin\idea.exe -Dfile.encoding=UTF-8 -Didea.version=2020.2 -jar C:\Program Files\JetBrains\IntelliJ IDEA 2020.2\bin\idea.exe
Soal85
0 0 0 0 0 0
* * * * *
= = = = =
0 0 0 0 0 0
* * * * *
= = = = =

Process finished with exit code 0
```

Dokumentasi





https://github.com/williamtanuwijaya/Kelompok1_IF1A_DASPRO