

## Laporan Praktikum V Pemilihan I



Nama : Innama Maesa Putri

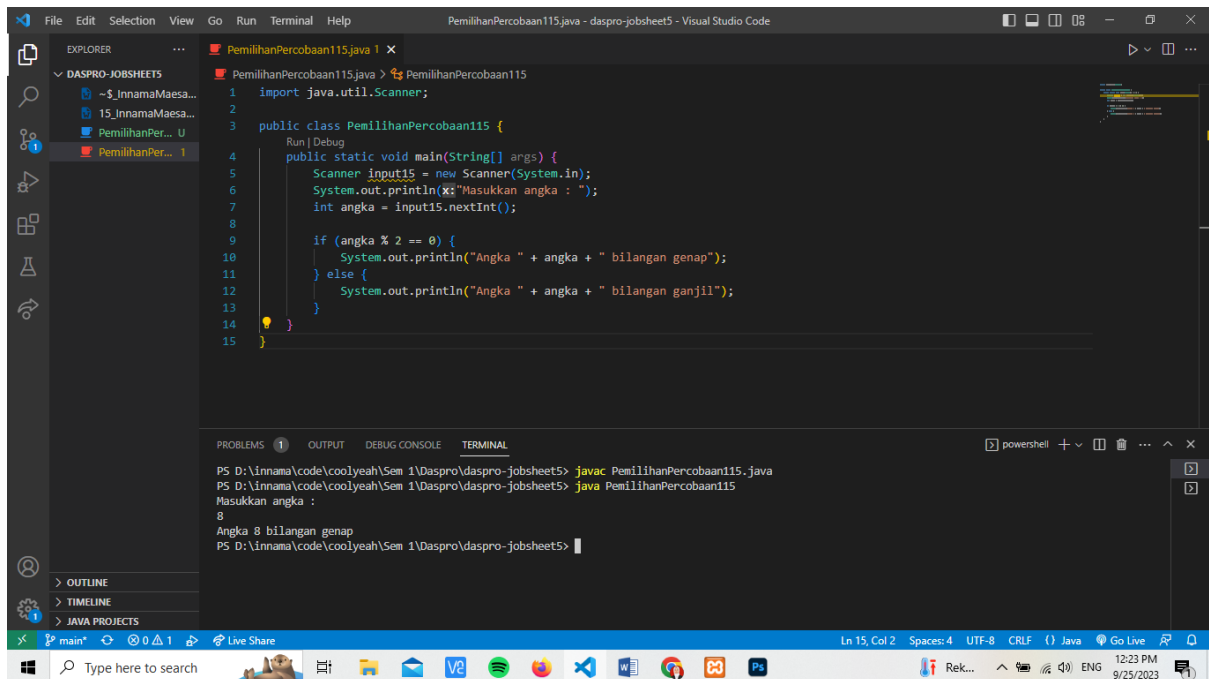
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Kelas : 1B

Prodi : D-IV Teknik Informatika

## Percobaan 1

Source code dan output :



The screenshot shows the Visual Studio Code editor with a Java file named 'PemilihanPercobaan115.java'. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class PemilihanPercobaan115 {
4     public static void main(String[] args) {
5         Scanner input15 = new Scanner(System.in);
6         System.out.println("Masukkan angka : ");
7         int angka = input15.nextInt();
8
9         if (angka % 2 == 0) {
10             System.out.println("Angka " + angka + " bilangan genap");
11         } else {
12             System.out.println("Angka " + angka + " bilangan ganjil");
13         }
14     }
15 }
```

The terminal output shows the execution of the program:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> javac PemilihanPercobaan115.java
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> java PemilihanPercobaan115
Masukkan angka :
8
Angka 8 bilangan genap
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

Commit and push :

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5 (master)
em 1/Daspro/daspro-jobsheet5 (master)
$ git init
Reinitialized existing Git repository in D:/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5/.git/
coolyeah/Sem 1/Daspro/daspro-jobsheet5/.git/
em 1/Daspro/daspro-jobsheet5 (master)
```

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5 (master)
$ git add .
```

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5 (master)
$ git commit -m "first commit"
[master (root-commit) 4ebf397] first commit
3 files changed, 15 insertions(+)
create mode 100644 15_InnamaMaesaPutri_2341720235.docx
create mode 100644 PemilihanPercobaan115.java
create mode 100644 ~$_InnamaMaesaPutri_2341720235.docx
```

```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5 (master)
$ git branch -M main
```

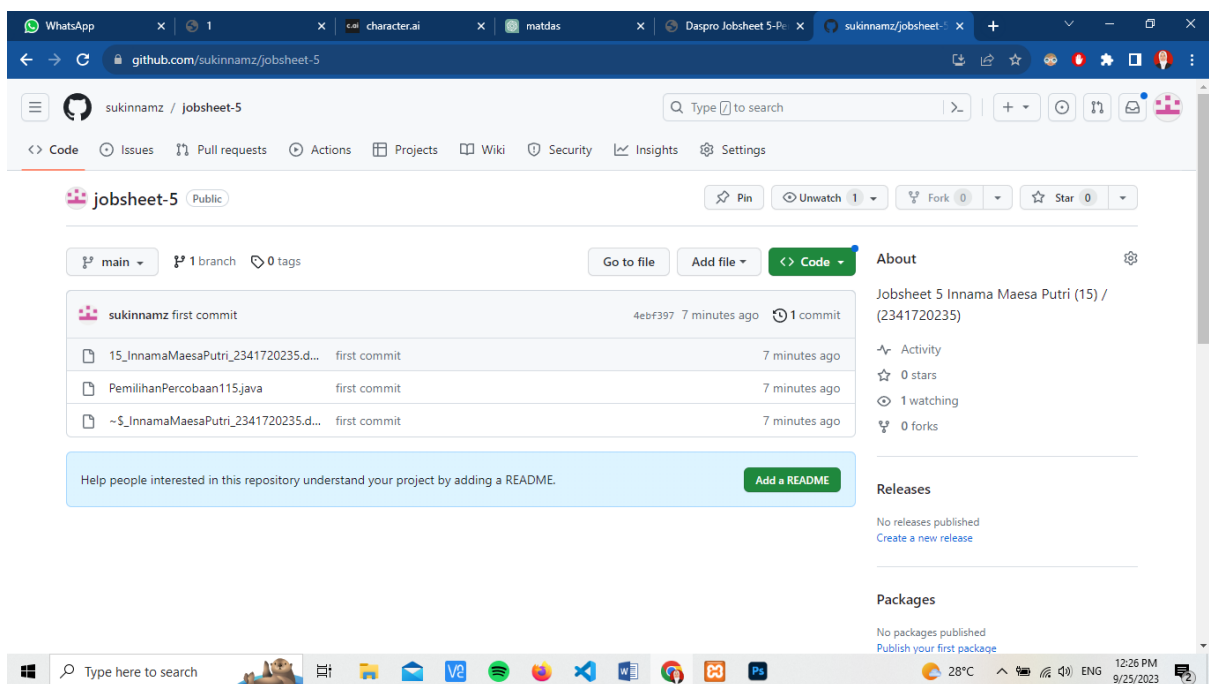
```
Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/Sem 1/Daspro/daspro-jobsheet5 (main)
$ git remote add origin https://github.com/sukinnamz/job-sheet-5.git
```

```

Gilang@DESKTOP-KQIA7TU MINGW64 /d/innama/code/coolyeah/S
em 1/Daspro/daspro-jobsheet5 (main)
$ git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 12.30 KiB | 1.76 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/sukinnamz/jobsheet-5.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

```

Hasil upload github :



Pertanyaan!

1. Modifikasi program diatas pada bagian struktur pilihannya dengan memanfaatkan Ternary Operator!

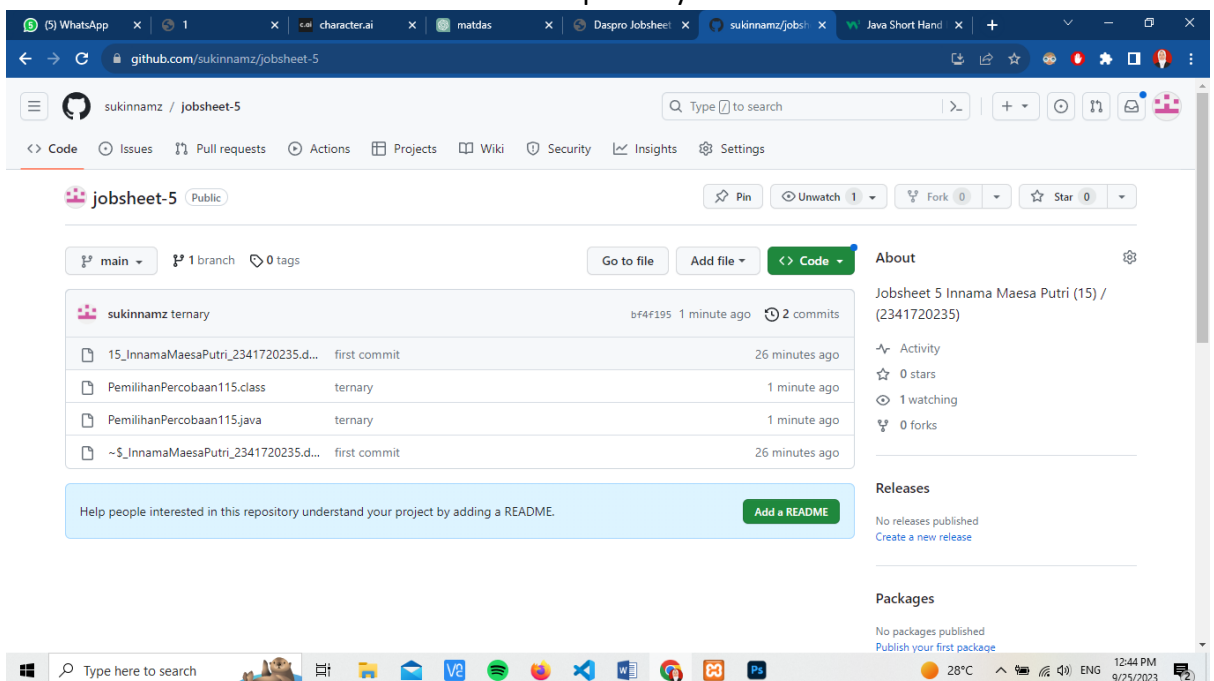
The screenshot shows the Visual Studio Code editor with a Java file named `PemilihanPercobaan115.java`. The code uses a ternary operator to check if a number is even or odd. The terminal output shows the program being run twice: first with input 7, which is odd, and then with input 9, which is also odd.

```
1 import java.util.Scanner;
2
3 public class PemilihanPercobaan115 {
4     public static void main(String[] args) {
5         Scanner input15 = new Scanner(System.in);
6         System.out.println("Masukkan angka : ");
7         int angka = input15.nextInt();
8
9         // if (angka % 2 == 0) {
10            // System.out.println("Angka " + angka + " bilangan genap");
11        // } else {
12            // System.out.println("Angka " + angka + " bilangan ganjil");
13        // }
14
15        String hasil = (angka % 2 == 0) ? "Angka " + angka + " bilangan genap" : "Angka " + angka + " bilangan ganjil";
16        System.out.println(hasil);
17    }
18 }
```

Terminal Output:

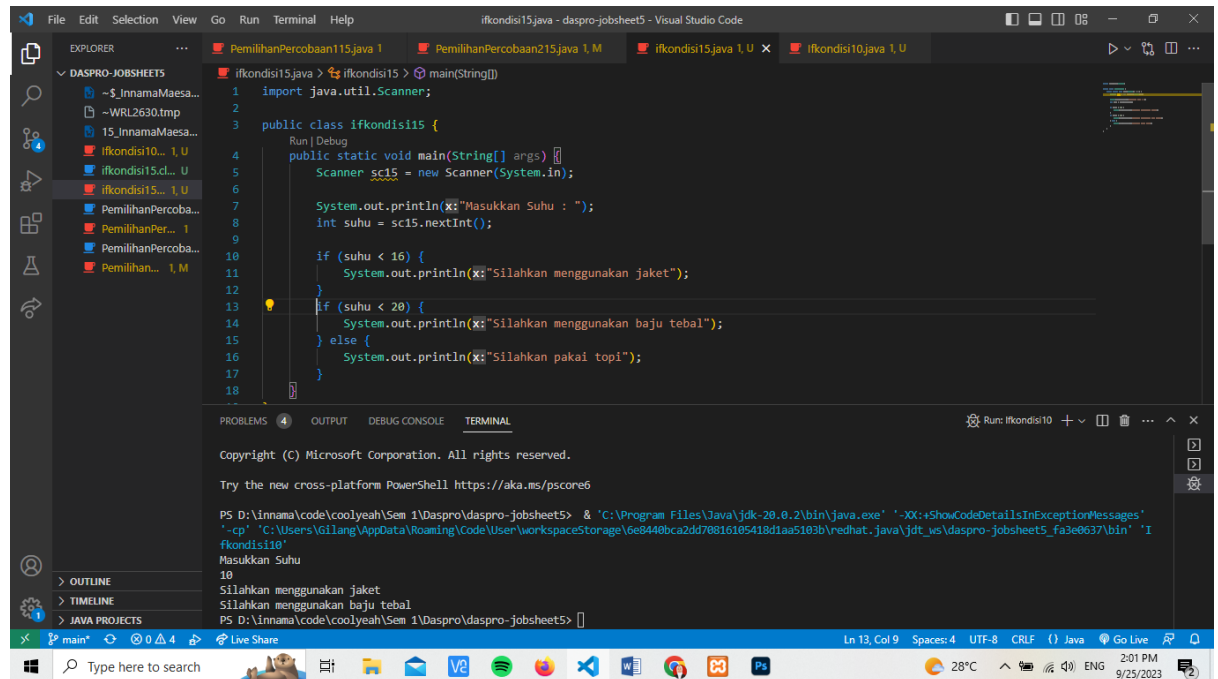
```
PS D:\innama\code\coolayah\Sem 1\Daspro\daspro-jobsheet5> java PemilihanPercobaan115
Masukkan angka :
7
Angka 7 bilangan ganjil
PS D:\innama\code\coolayah\Sem 1\Daspro\daspro-jobsheet5> javac PemilihanPercobaan115.java
PS D:\innama\code\coolayah\Sem 1\Daspro\daspro-jobsheet5> java PemilihanPercobaan115
Masukkan angka :
9
Angka 9 bilangan ganjil
PS D:\innama\code\coolayah\Sem 1\Daspro\daspro-jobsheet5>
```

2. Jalankan dan amatilah hasilnya!  
Setelah di jalankan, hasilnya sama dengan kondisi ketika memakai operator if else
3. Push dan commit hasil modifikasi anda ke repository!



4. Jelaskan mengapa output program yang dimodifikasi sama dengan output program sebelum dimodifikasi!  
Karena fungsi operator ternary sama dengan fungsi operator if else sehingga output yang dihasilkan juga sama

## Latihan 1



The screenshot shows the Visual Studio Code editor with a Java file named `ifkondisi15.java` open. The code is a simple program that prompts the user to enter a temperature and then suggests clothing based on the input. The code is as follows:

```
1 import java.util.Scanner;
2
3 public class ifkondisi15 {
4     public static void main(String[] args) {
5         Scanner sc15 = new Scanner(System.in);
6
7         System.out.println("Masukkan Suhu : ");
8         int suhu = sc15.nextInt();
9
10        if (suhu < 16) {
11            System.out.println("Silahkan menggunakan jaket");
12        }
13        if (suhu < 20) {
14            System.out.println("Silahkan menggunakan baju tebal");
15        } else {
16            System.out.println("Silahkan pakai topi");
17        }
18    }
19 }
```

The terminal output shows the program running successfully. The user entered `10`, and the program outputted `Silahkan menggunakan jaket`. The user then entered `15`, and the program outputted `Silahkan menggunakan baju tebal`. The user then entered `25`, and the program outputted `Silahkan pakai topi`.

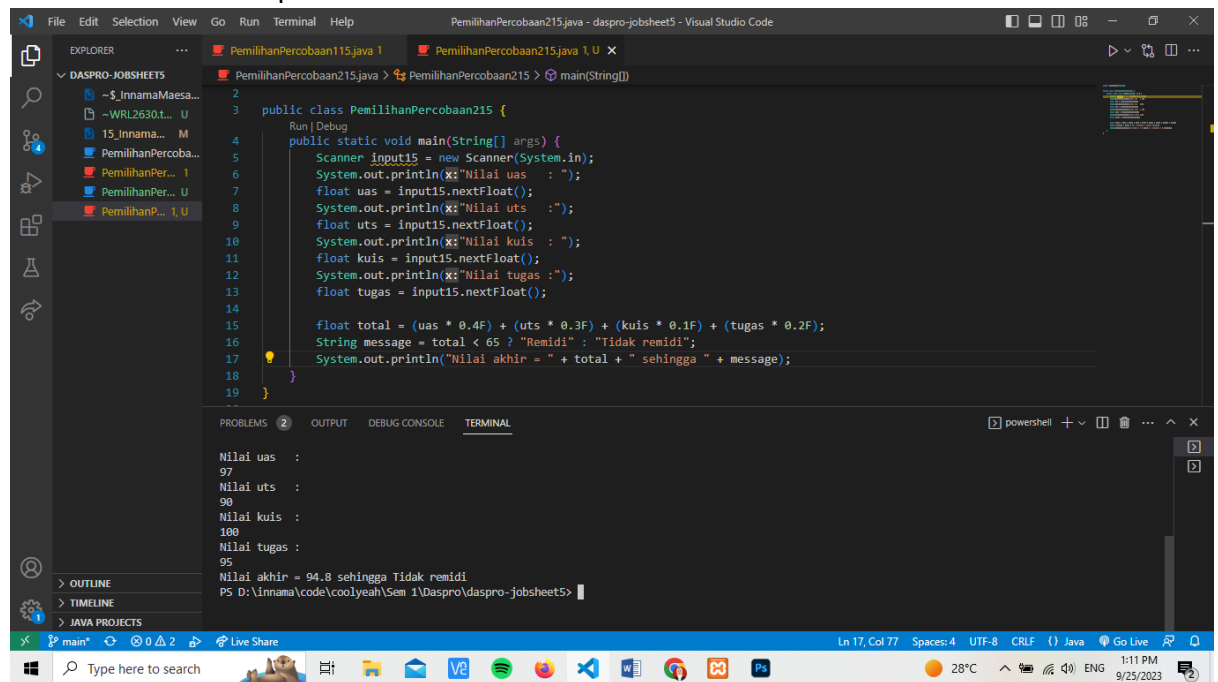
The terminal output is as follows:

```
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> & 'C:\Program Files\Java\jdk-20.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages'
'-cp' 'C:\Users\Gilang\AppData\Roaming\Code\User\workspaceStorage\6e8440bca2dd70816105418d1aa5103b\redhat.java\jdk_ws\daspro-jobsheet5_fa3e0637\bin' 'I
fkondisi15'
Masukkan Suhu
10
Silahkan menggunakan jaket
15
Silahkan menggunakan baju tebal
25
Silahkan pakai topi
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

## Percobaan 2

Source code and output :



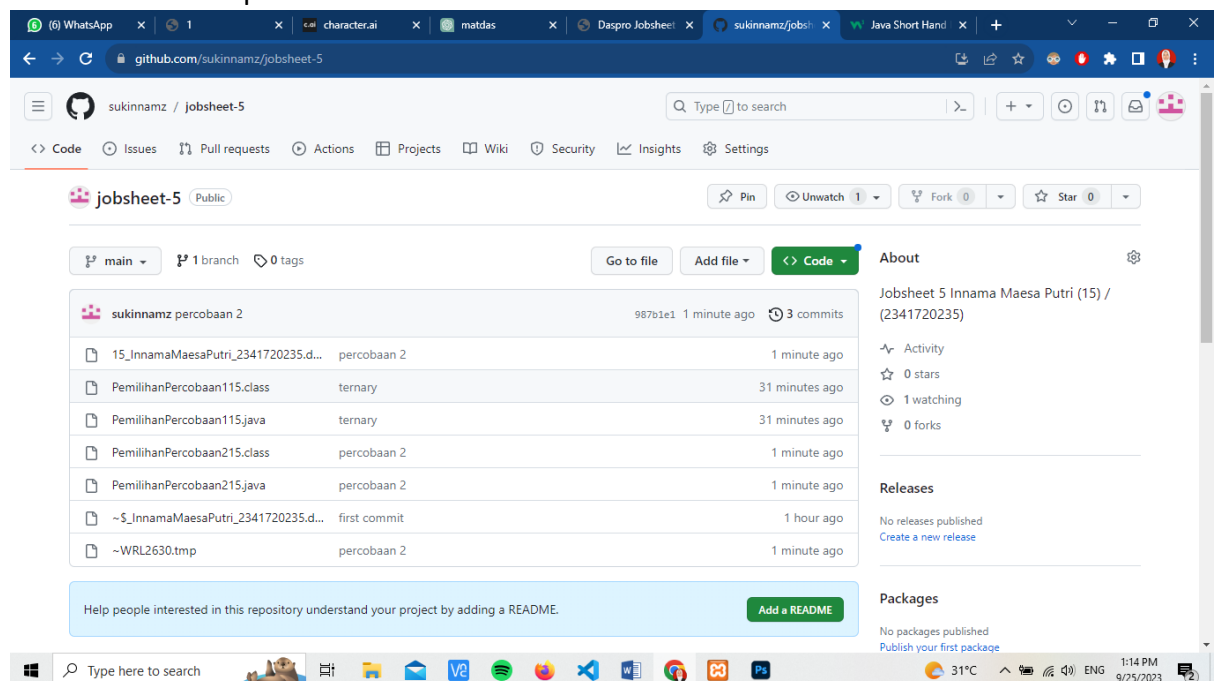
The screenshot shows the Visual Studio Code editor with a Java file named `PemilihanPercobaan215.java`. The code is a public class `PemilihanPercobaan215` with a `main` method. It uses a `Scanner` to take input for four variables: `uas`, `uts`, `kuis`, and `tugas`. It then calculates a total score based on weighted averages and prints the result along with a message indicating whether the student is eligible for a remedial (`Remidi`) based on the total score.

```
public class PemilihanPercobaan215 {  
    public static void main(String[] args) {  
        Scanner input15 = new Scanner(System.in);  
        System.out.println("Nilai uas : ");  
        float uas = input15.nextFloat();  
        System.out.println("Nilai uts : ");  
        float uts = input15.nextFloat();  
        System.out.println("Nilai kuis : ");  
        float kuis = input15.nextFloat();  
        System.out.println("Nilai tugas : ");  
        float tugas = input15.nextFloat();  
  
        float total = (uas * 0.4F) + (uts * 0.3F) + (kuis * 0.1F) + (tugas * 0.2F);  
        String message = total < 65 ? "Remidi" : "Tidak remidi";  
        System.out.println("Nilai akhir = " + total + " sehingga " + message);  
    }  
}
```

The terminal output shows the following values entered and calculated:

```
Nilai uas : 97  
Nilai uts : 90  
Nilai kuis : 100  
Nilai tugas : 95  
Nilai akhir = 94.8 sehingga Tidak remidi  
PS D:\Innama\code\cool\yeah\Sem 1\Daspro\daspro-jobsheet5>
```

Hasil commit dan push :



Pertanyaan!

1. Modifikasi program diatas sehingga dapat menampilkan nilai huruf sesuai aturan berikut ini!

Nilai Angka	Nilai Mutu		
	Nilai Huruf	Nilai Setara	Kualifikasi
$80 < N \leq 100$	A	4	Sangat Baik
$73 < N \leq 80$	B+	3,5	Lebih dari Baik
$65 < N \leq 73$	B	3	Baik
$60 < N \leq 65$	C+	2,5	Lebih dari Cukup
$50 < N \leq 60$	C	2	Cukup
$39 < N \leq 50$	D	1	Kurang
$N \leq 39$	E	0	Gagal

```

14  float total = (uas * 0.4F) + (uts * 0.3F) + (kuis * 0.1F) + (tugas * 0.2F);
15  String message = total < 65 ? "Remidi" : "Tidak remidi";
16  System.out.println("Nilai akhir = " + total + " sehingga " + message);
17
18  if (total > 80 && total <= 100) {
19      System.out.println(x3"anda mendapat nilai A");
20  } else if (total > 73 && total <= 80) {
21      System.out.println(x3"anda mendapat nilai B+");
22  } else if (total > 65 && total <= 73) {
23      System.out.println(x3"anda mendapat nilai B");
24  } else if (total > 60 && total <= 65) {
25      System.out.println(x3"anda mendapat nilai C+");
26  } else if (total > 50 && total <= 60) {
27      System.out.println(x3"anda mendapat nilai C");
28  } else if (total > 39 && total <= 50) {
29      System.out.println(x3"anda mendapat nilai D");
30  } else {
31      System.out.println(x3"anda mendapat nilai E");
32  }

```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL

```

PS D:\Innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> java PemilihanPercobaan215
Nilai uas :
61
Nilai uts :
52
Nilai kuis :
43
Nilai tugas :
23
Nilai akhir = 48.899998 sehingga Remidi
Anda mendapat nilai D
PS D:\Innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>

```

**jobsheet-5**
Public

Pin
Unwatch 1
Fork 0
Star 0

main
1 branch
0 tags

Go to file
Add file
Code

**sukinnamz** kondisi dan perubahan percobaan 2
 793cc42 1 minute ago 4 commits

15_InnamaMaesaPutri_2341720235.d...	percobaan 2	1 hour ago
PemilihanPercobaan115.class	ternary	1 hour ago
PemilihanPercobaan115.java	ternary	1 hour ago
PemilihanPercobaan215.class	kondisi dan perubahan percobaan 2	1 minute ago
PemilihanPercobaan215.java	kondisi dan perubahan percobaan 2	1 minute ago
ifkondisi15.class	kondisi dan perubahan percobaan 2	1 minute ago
ifkondisi15.java	kondisi dan perubahan percobaan 2	1 minute ago
~\$InnamaMaesaPutri_2341720235.d...	first commit	2 hours ago
~WRL2630.tmp	percobaan 2	1 hour ago

**About**

Jobsheet 5 Innama Maesa Putri (15) / (2341720235)

Activity

0 stars

1 watching

0 forks

**Releases**

No releases published

[Create a new release](#)

**Packages**

No packages published

[Publish your first package](#)

**Languages**

Help people interested in this repository understand your project by adding a README.
 Add a README

2. Setelah penambahan kode program pada pertanyaan nomor 1, berapakah jumlah kondisi yang ada serta jelaskan jenis operator yang digunakan!  
Terdapat 6 kondisi yang menggunakan operator relasional berupa = untuk menghubungkan dua nilai yang sama, <=, > membandingkan dua nilai serta && untuk menghubungkan dua kondisi



## Latihan 2

The image displays two screenshots of a Visual Studio Code editor window, showing a Java file named `SwitchCase15.java` in the `daspro-jobsheet5` project. The editor interface includes a sidebar with the Explorer, Search, and Run and Debug views, and a main editor area with a code editor and a terminal window.

**First Screenshot:** The code editor shows the following code:

```
1 import java.util.Scanner;
2
3 public class SwitchCase15 {
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         int angka;
7
8         System.out.println("Masukkan Angka : ");
9         angka = sc.nextInt();
10
11         switch (angka) {
12             case 1:
13                 System.out.println("Hari senin");
14                 break;
15             case 2:
16                 System.out.println("Hari selasa");
17                 break;
18             case 3:
19                 System.out.println("Hari rabu");
20                 break;
21             case 4:
22                 System.out.println("Hari kamis");
23                 break;
24             case 5:
```

The terminal window shows the following output:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> javac SwitchCase15.java
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> java SwitchCase15
Masukkan Angka :
3
Hari rabu
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

**Second Screenshot:** The code editor shows the following code:

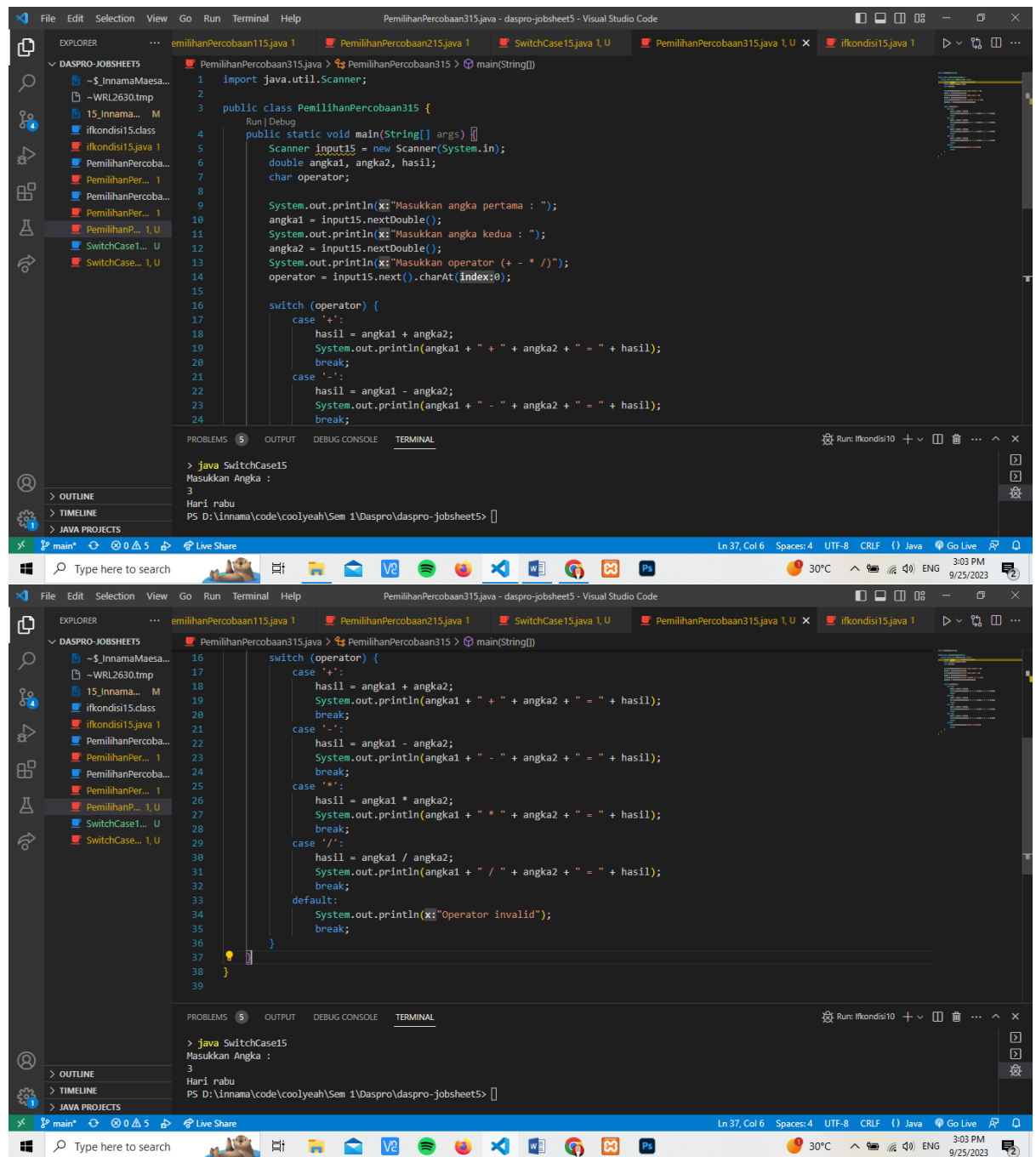
```
16         System.out.println("Hari selasa");
17         break;
18     case 3:
19         System.out.println("Hari rabu");
20         break;
21     case 4:
22         System.out.println("Hari kamis");
23         break;
24     case 5:
25         System.out.println("Hari jumat");
26         break;
27     case 6:
28         System.out.println("Hari sabtu");
29         break;
30     case 7:
31         System.out.println("Hari minggu");
32         break;
33     default:
34         System.out.println("Maaf angka yang anda masukkan salah");
35         break;
36     }
37 }
38
39 }
```

The terminal window shows the following output:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> javac SwitchCase15.java
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> java SwitchCase15
Masukkan Angka :
3
Hari rabu
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

## Percobaan 3

### Source code



```
import java.util.Scanner;

public class PemilihanPercobaan315 {

    public static void main(String[] args) {
        Scanner input15 = new Scanner(System.in);
        double angka1, angka2, hasil;
        char operator;

        System.out.println("Masukkan angka pertama : ");
        angka1 = input15.nextDouble();
        System.out.println("Masukkan angka kedua : ");
        angka2 = input15.nextDouble();
        System.out.println("Masukkan operator (+ - * /)");
        operator = input15.next().charAt(0);

        switch (operator) {
            case '+':
                hasil = angka1 + angka2;
                System.out.println(angka1 + " + " + angka2 + " = " + hasil);
                break;
            case '-':
                hasil = angka1 - angka2;
                System.out.println(angka1 + " - " + angka2 + " = " + hasil);
                break;
            case '*':
                hasil = angka1 * angka2;
                System.out.println(angka1 + " * " + angka2 + " = " + hasil);
                break;
            case '/':
                hasil = angka1 / angka2;
                System.out.println(angka1 + " / " + angka2 + " = " + hasil);
                break;
            default:
                System.out.println("Operator invalid");
                break;
        }
    }
}
```

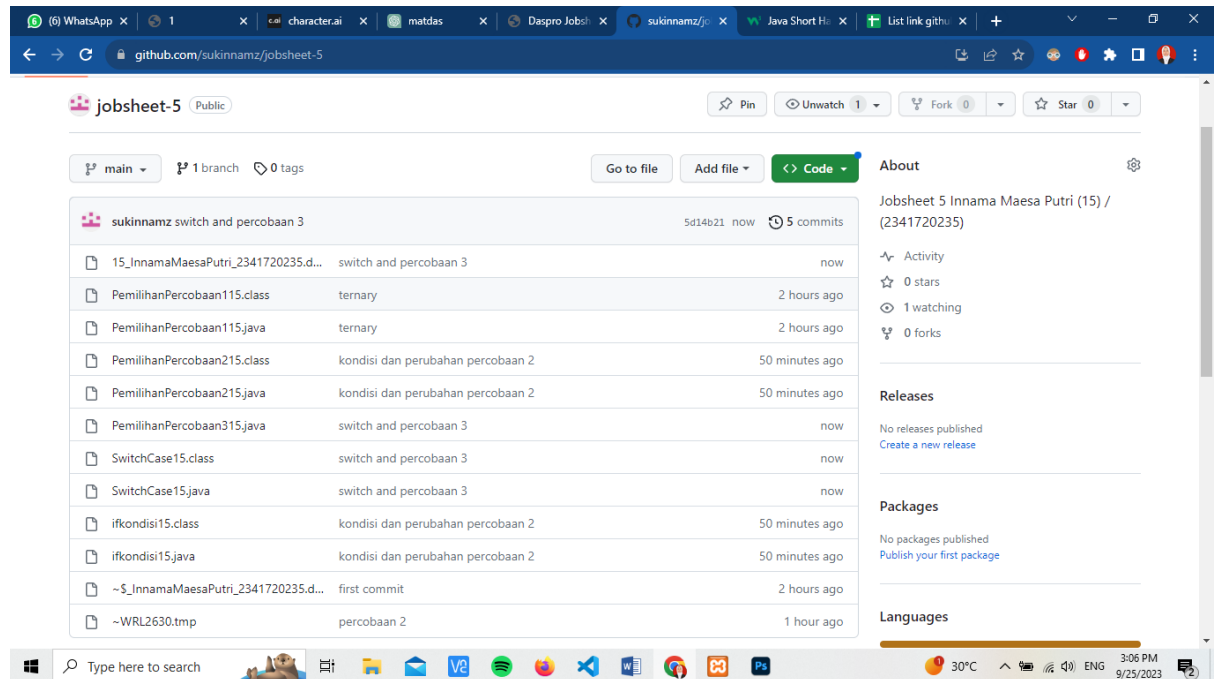
Terminal Output:

```
> java SwitchCase15
Masukkan Angka :
3
Hari rabu
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

### Output

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
'-cp' 'C:\Users\Gilang\AppData\Roaming\Code\User\workspace
emilihanPercobaan315'
Masukkan angka pertama :
2
Masukkan angka kedua :
6
Masukkan operator (+ - * /)
+
2.0 + 6.0 = 8.0
```

## Push and commit :



1. Jelaskan fungsi dari break dan default pada percobaan 4 diatas!  
Fungsi break adalah untuk melakukan stop jika perintah yang diberikan sudah di rasa cukup untuk case tersebut. Untuk default case adalah jika nilai value inputan tidak ada yang cocok dengan kondisi case yang diberikan.
2. Modifikasi kode program diatas, hapus break pertama. Kemudian jalankan program.

```
switch (operator) {  
    case '+':  
        hasil = angka1 + angka2;  
        System.out.println(angka1 + " + " + angka2 + " = " + hasil);  
        // break;
```

Tampilkan hasilnya dan jelaskan hasilnya!

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>  
-20.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMess  
18d1aa5103b\redhat.java\jdt_ws\daspro-jobsheet5_fa3e0637\br  
Masukkan angka pertama :  
3  
Masukkan angka kedua :  
5  
Masukkan operator (+ - * /)  
+  
3.0 + 5.0 = 8.0  
3.0 - 5.0 = -2.0
```

Program menjalankan dua kondisi yaitu penambahan dan pengurangan dimana operasi pengurangan merupakan kondisi setelah ditambah tanpa di break

3. Push dan commit hasil modifikasi anda ke repository

The screenshot shows a web browser window displaying a GitHub repository page. The browser's address bar shows the URL 'github.com/sukinnamz/jobsheet-5'. The repository name is 'sukinnamz revisi percobaan 3'. The page lists 15 files with their names, descriptions, and commit times. The files are: 15\_InnamaMaesaPutri\_2341720235.d..., PemilihanPercobaan115.class, PemilihanPercobaan115.java, PemilihanPercobaan215.class, PemilihanPercobaan215.java, PemilihanPercobaan315.java, SwitchCase15.class, SwitchCase15.java, ifkondisi15.class, ifkondisi15.java, ~\$\_InnamaMaesaPutri\_2341720235.d..., and ~WRL2630.tmp. The right sidebar shows repository statistics: 0 stars, 1 watching, 0 forks, and 0 releases. The bottom of the page shows a Windows taskbar with various application icons and system information.

File Name	Description	Commit Time
15_InnamaMaesaPutri_2341720235.d...	revisi percobaan 3	10 minutes ago
PemilihanPercobaan115.class	ternary	2 hours ago
PemilihanPercobaan115.java	ternary	2 hours ago
PemilihanPercobaan215.class	kondisi dan perubahan percobaan 2	1 hour ago
PemilihanPercobaan215.java	kondisi dan perubahan percobaan 2	1 hour ago
PemilihanPercobaan315.java	revisi percobaan 3	10 minutes ago
SwitchCase15.class	switch and percobaan 3	20 minutes ago
SwitchCase15.java	switch and percobaan 3	20 minutes ago
ifkondisi15.class	kondisi dan perubahan percobaan 2	1 hour ago
ifkondisi15.java	kondisi dan perubahan percobaan 2	1 hour ago
~\$ _InnamaMaesaPutri_2341720235.d...	first commit	3 hours ago
~WRL2630.tmp	percobaan 2	2 hours ago

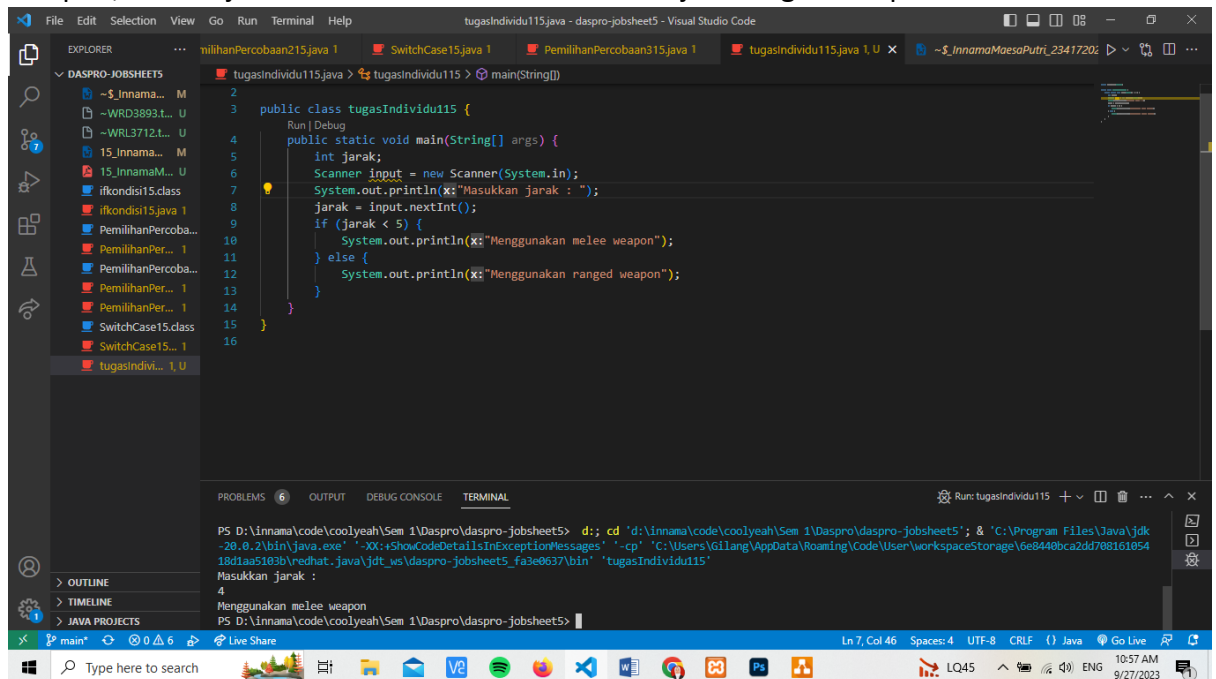
4. Jelaskan fungsi perintah kode program dibawah ini pada percobaan 4!

`operator = sc.next().charAt(0);`

Mengubah tipe data inputan operator menjadi tipe char dan menampung sebanyak 1 karakter atau 0 indeks

## Tugas Individu

1. Pengguna memasukkan jarak, jika jarak kurang dari 5 maka memakai senjata melee weapon, namun jika lebih dari 5 maka memakai senjata ranged weapon



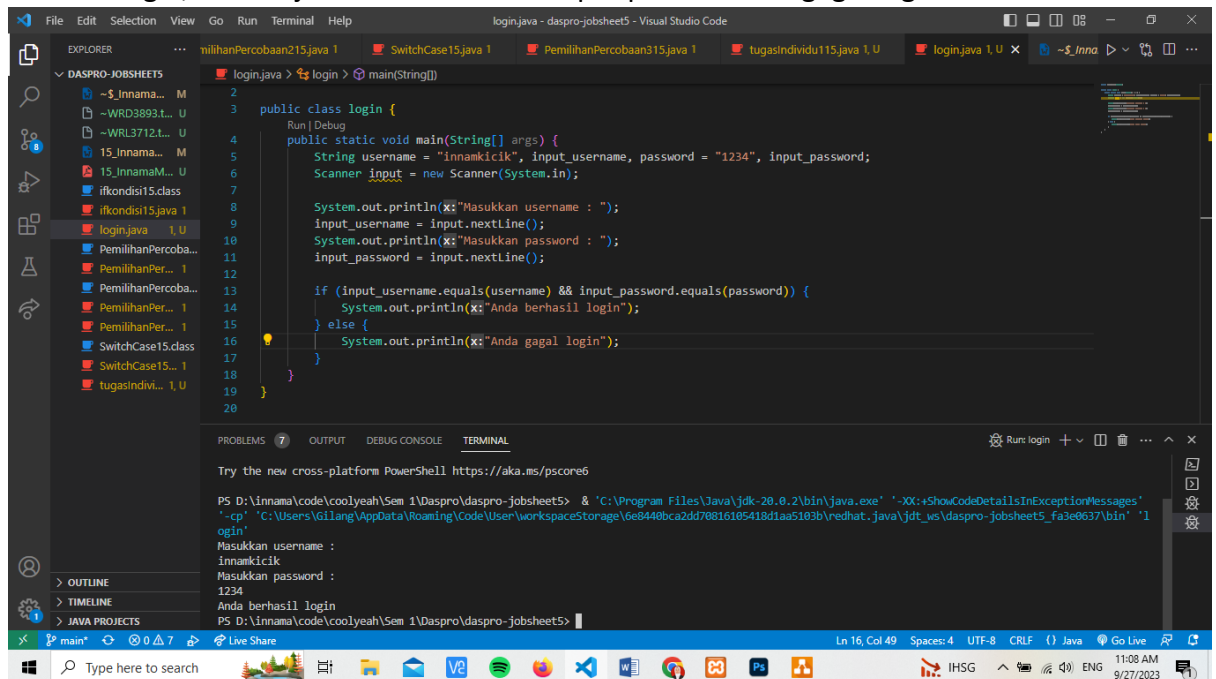
The screenshot shows a Visual Studio Code editor with a Java file named `tugasIndividu115.java`. The code defines a `main` method that prompts the user to enter a distance. If the distance is less than 5, it prints "Menggunakan melee weapon"; otherwise, it prints "Menggunakan ranged weapon". The terminal output shows the program being run, with the user entering '4' and the program outputting "Menggunakan melee weapon".

```
public class tugasIndividu115 {  
    public static void main(String[] args) {  
        int jarak;  
        Scanner input = new Scanner(System.in);  
        System.out.println(x: "Masukkan jarak : ");  
        jarak = input.nextInt();  
        if (jarak < 5) {  
            System.out.println(x: "Menggunakan melee weapon");  
        } else {  
            System.out.println(x: "Menggunakan ranged weapon");  
        }  
    }  
}
```

Terminal Output:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> d: & cd 'd:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5'; & 'C:\Program Files\Java\jdk-20.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Gillang\AppData\Roaming\Code\User\workspaceStorage\6e8448bca2dd78816105418d1aa5103b\redhat.java\jdt_ws\daspro-jobsheet5_fa3e0637\bin' 'tugasIndividu115'  
Masukkan jarak :  
4  
Menggunakan melee weapon  
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

2. Pengguna memasukkan username dan password, jika username dan password yang diinputkan sesuai dengan username dan password yang tersimpan maka pengguna berhasil login, namun jika salah maka terdapat pesan "Anda gagal login"



The screenshot shows a Visual Studio Code editor with a Java file named `login.java`. The code defines a `main` method that prompts the user to enter a username and password. It then checks if the entered credentials match the stored ones ("innamkicik" and "1234"). If they match, it prints "Anda berhasil login"; otherwise, it prints "Anda gagal login". The terminal output shows the program being run, with the user entering 'innamkicik' and '1234', and the program outputting "Anda berhasil login".

```
public class login {  
    public static void main(String[] args) {  
        String username = "innamkicik", input_username, password = "1234", input_password;  
        Scanner input = new Scanner(System.in);  
  
        System.out.println(x: "Masukkan username : ");  
        input_username = input.nextLine();  
        System.out.println(x: "Masukkan password : ");  
        input_password = input.nextLine();  
  
        if (input_username.equals(username) && input_password.equals(password)) {  
            System.out.println(x: "Anda berhasil login");  
        } else {  
            System.out.println(x: "Anda gagal login");  
        }  
    }  
}
```

Terminal Output:

```
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5> & 'C:\Program Files\Java\jdk-20.0.2\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Gillang\AppData\Roaming\Code\User\workspaceStorage\6e8448bca2dd78816105418d1aa5103b\redhat.java\jdt_ws\daspro-jobsheet5_fa3e0637\bin' 'login'  
Masukkan username :  
innamkicik  
Masukkan password :  
1234  
Anda berhasil login  
PS D:\innama\code\coolyeah\Sem 1\Daspro\daspro-jobsheet5>
```

## Tugas Kelompok

Nama anggota :

Atabik Mutawakilallah (6)

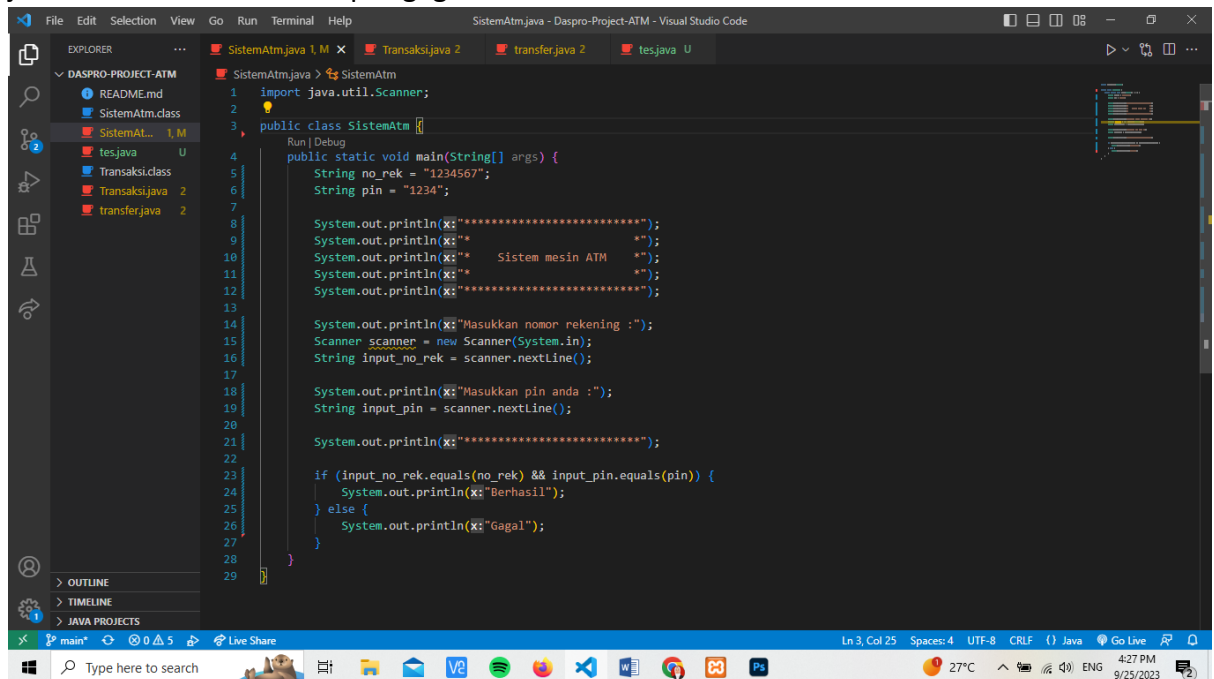
Farrel Augusta Dinata (12)

Innama Maesa Putri (15)

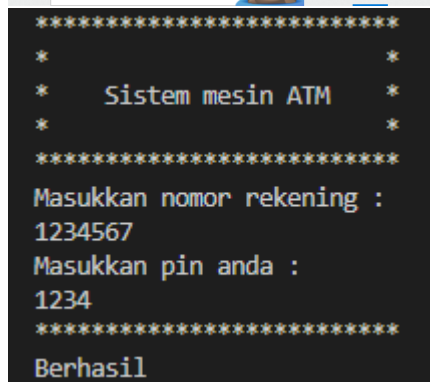
Aplikasi : Sistem Mesin ATM

Fitur yang dipilih :

1. Autentifikasi pengguna, menggunakan bentuk pemilihan if else  
Fitur ini berfungsi untuk keamanan akun pengguna. Sebelum masuk untuk memilih menu, pengguna diminta untuk memasukkan nomor rekening dan pin, jika nomor rekening dan pin sesuai maka akan muncul output berhasil namun jika tidak akan muncul output gagal.



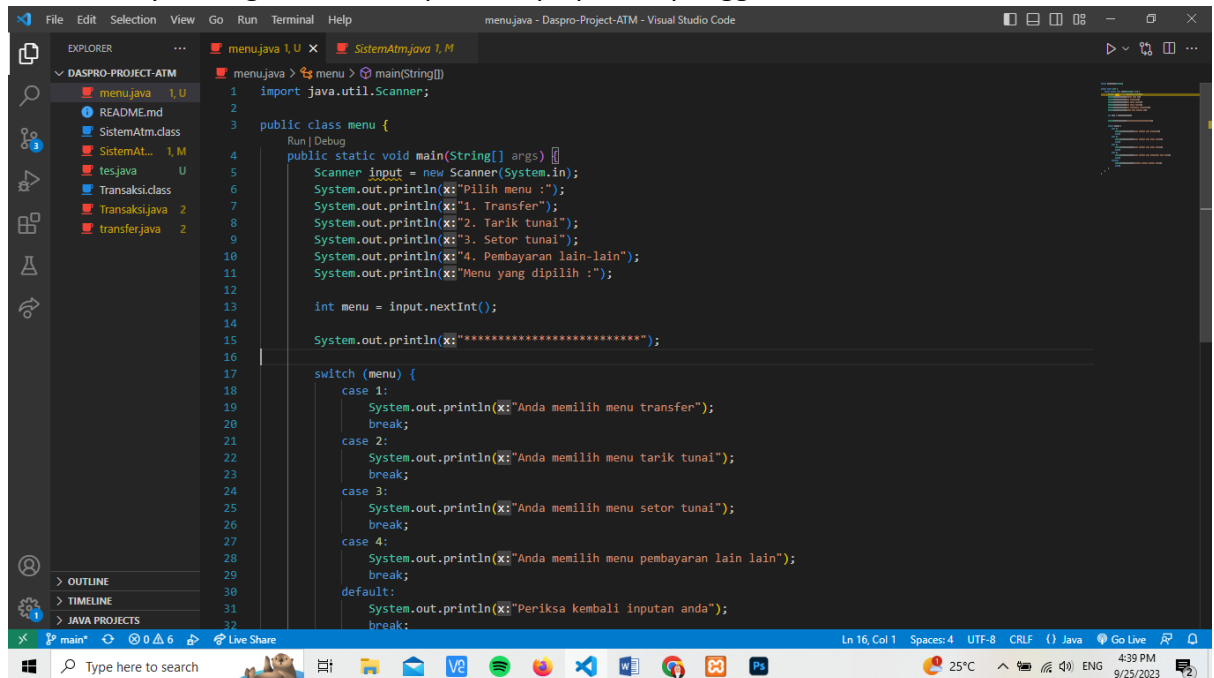
```
1 import java.util.Scanner;
2
3 public class SistemAtm {
4     public static void main(String[] args) {
5         String no_rek = "1234567";
6         String pin = "1234";
7
8         System.out.println("*****");
9         System.out.println("*");
10        System.out.println("*      Sistem mesin ATM      *");
11        System.out.println("*");
12        System.out.println("*****");
13
14        System.out.println("Masukkan nomor rekening :");
15        Scanner scanner = new Scanner(System.in);
16        String input_no_rek = scanner.nextLine();
17
18        System.out.println("Masukkan pin anda :");
19        String input_pin = scanner.nextLine();
20
21        System.out.println("*****");
22
23        if (input_no_rek.equals(no_rek) && input_pin.equals(pin)) {
24            System.out.println("Berhasil");
25        } else {
26            System.out.println("Gagal");
27        }
28    }
29 }
```



```
*****
*
*      Sistem mesin ATM      *
*
*****

Masukkan nomor rekening :
1234567
Masukkan pin anda :
1234
*****
Berhasil
```

2. Pilih menu, menggunakan bentuk pemilihan switch case
- Fitur ini memungkinkan untuk menampung pilihan pengguna dalam memilih fitur yang ingin dijalankan. Akan terdapat list menu system atm dan pengguna memilih kode angka yang sesuai dengan fitur yang akan dijalankan, kemudian sistem akan menjalankan fitur yang dipilih oleh pengguna, namun untuk saat ini sistem hanya mengeluarkan output berupa pilihan pengguna



```
1 import java.util.Scanner;
2
3 public class menu {
4     public static void main(String[] args) {
5         Scanner input = new Scanner(System.in);
6         System.out.println(x:"Pilih menu :");
7         System.out.println(x:"1. Transfer");
8         System.out.println(x:"2. Tarik tunai");
9         System.out.println(x:"3. Setor tunai");
10        System.out.println(x:"4. Pembayaran lain-lain");
11        System.out.println(x:"Menu yang dipilih :");
12
13        int menu = input.nextInt();
14
15        System.out.println(x:"*****");
16
17        switch (menu) {
18            case 1:
19                System.out.println(x:"Anda memilih menu transfer");
20                break;
21            case 2:
22                System.out.println(x:"Anda memilih menu tarik tunai");
23                break;
24            case 3:
25                System.out.println(x:"Anda memilih menu setor tunai");
26                break;
27            case 4:
28                System.out.println(x:"Anda memilih menu pembayaran lain lain");
29                break;
30            default:
31                System.out.println(x:"Periksa kembali inputan anda");
32                break;
33        }
34    }
35 }
```

```
PS D:\innama\code\coolyeah\Sem
\jdk-20.0.2\bin\java.exe' '-XX
067c5a841246259\redhat.java\jd
Pilih menu :
1. Transfer
2. Tarik tunai
3. Setor tunai
4. Pembayaran lain-lain
Menu yang dipilih :
2
*****
Anda memilih menu tarik tunai
```

Link github = [github.com/sukinnamz](https://github.com/sukinnamz)