

LAPORAN PRAKTIKUM
MATA KULIAH TEORI DASAR PEMROGRAMAN

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PERTEMUAN 6 : PEMILIHAN 2



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JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2023

Latihan Kasir

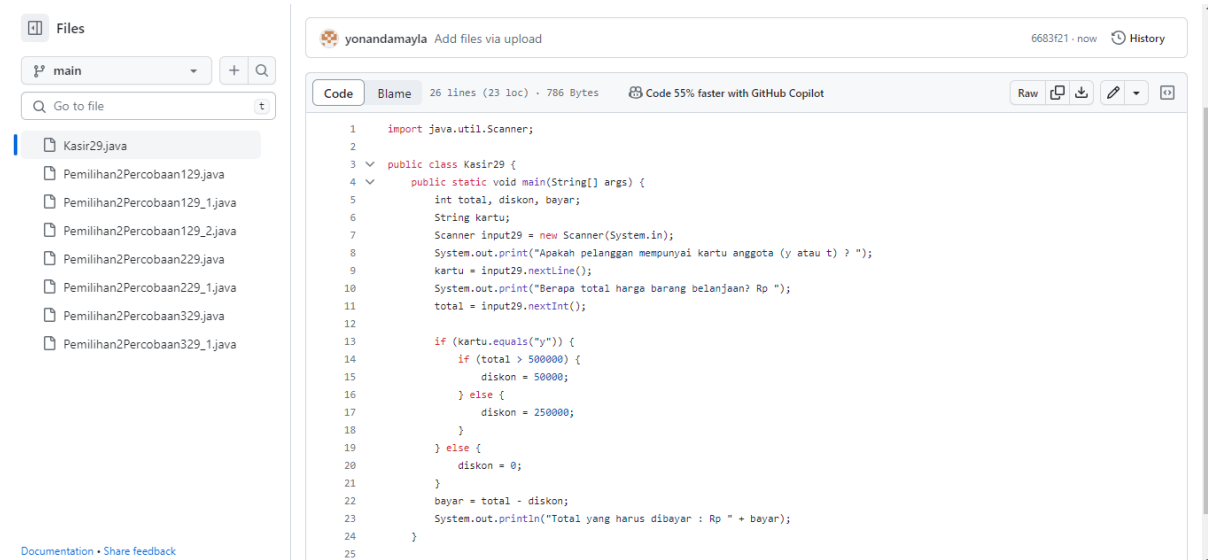
Kode program :

```
1  import java.util.Scanner;
2
3  public class Kasir29 {
4      public static void main(String[] args) {
5          int total, diskon, bayar;
6          String kartu;
7          Scanner input29 = new Scanner(System.in);
8          System.out.print("Apakah pelanggan mempunyai kartu anggota (y atau t) ? ");
9          kartu = input29.nextLine();
10         System.out.print("Berapa total harga barang belanjaan? Rp ");
11         total = input29.nextInt();
12
13         if (kartu.equals("y")) {
14             if (total > 500000) {
15                 diskon = 50000;
16             } else {
17                 diskon = 25000;
18             }
19         } else {
20             diskon = 0;
21         }
22         bayar = total - diskon;
23         System.out.println("Total yang harus dibayar : Rp " + bayar);
24     }
25 }
26
27
```

Output :

```
Apakah pelanggan mempunyai kartu anggota (y atau t) ? y
Berapa total harga barang belanjaan? Rp 550000
Total yang harus dibayar : Rp 500000
PS D:\DASPRO\daspro-jobsheet6> □
```

Push dan commit ke repository Github :



The screenshot displays a GitHub repository interface. On the left, the 'Files' tab is active, showing a file list under the 'main' branch. The file 'Kasir29.java' is selected. The right pane shows the code editor for 'Kasir29.java', which contains Java code for a cashier application. The code includes imports, class definition, and a main method that uses a Scanner to take user input for a total amount and a discount, then calculates the final amount to be paid.

Files

main

Go to file

- Kasir29.java
- Pemilihan2Percobaan129.java
- Pemilihan2Percobaan129_1.java
- Pemilihan2Percobaan129_2.java
- Pemilihan2Percobaan229.java
- Pemilihan2Percobaan229_1.java
- Pemilihan2Percobaan329.java
- Pemilihan2Percobaan329_1.java

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Code Blame 26 lines (23 loc) · 786 Bytes Code 55% faster with GitHub Copilot Raw Download Edit

```
1 import java.util.Scanner;
2
3 public class Kasir29 {
4     public static void main(String[] args) {
5         int total, diskon, bayar;
6         String kartu;
7         Scanner input29 = new Scanner(System.in);
8         System.out.print("Apakah pelanggan mempunyai kartu anggota (y atau t) ? ");
9         kartu = input29.nextLine();
10        System.out.print("Berapa total harga barang belanjaan? Rp ");
11        total = input29.nextInt();
12
13        if (kartu.equals("y")) {
14            if (total > 500000) {
15                diskon = 500000;
16            } else {
17                diskon = 250000;
18            }
19        } else {
20            diskon = 0;
21        }
22        bayar = total - diskon;
23        System.out.println("Total yang harus dibayar : Rp " + bayar);
24    }
25 }
```

Latihan Suhu

Kode program :

```
1  import java.util.Scanner;
2
3  public class Suhu29 {
4      public static void main(String[] args) {
5          Scanner input29 = new Scanner(System.in);
6          int suhu;
7          char hujan;
8          System.out.print("Berapa suhu sekarang ? ");
9          suhu = input29.nextInt();
10
11         if (suhu > 27) {
12             System.out.println("Memakai dress");
13             System.out.println("Apakah sekarang hujan (y atau t)?");
14             hujan = input29.next().charAt(0);
15             if (hujan == 'y') {
16                 System.out.println("Membawa payung");
17             } else {
18                 System.out.println("Memakai sunscreen");
19             }
20         } else {
21             System.out.println("Memakai celana panjang");
22         }
23     }
24 }
```

Output :

```
Berapa suhu sekarang ? 28
Memakai dress
Apakah sekarang hujan (y atau t)?
y
Membawa payung
PS D:\DASPRO\daspro-jobsheet6> 
```

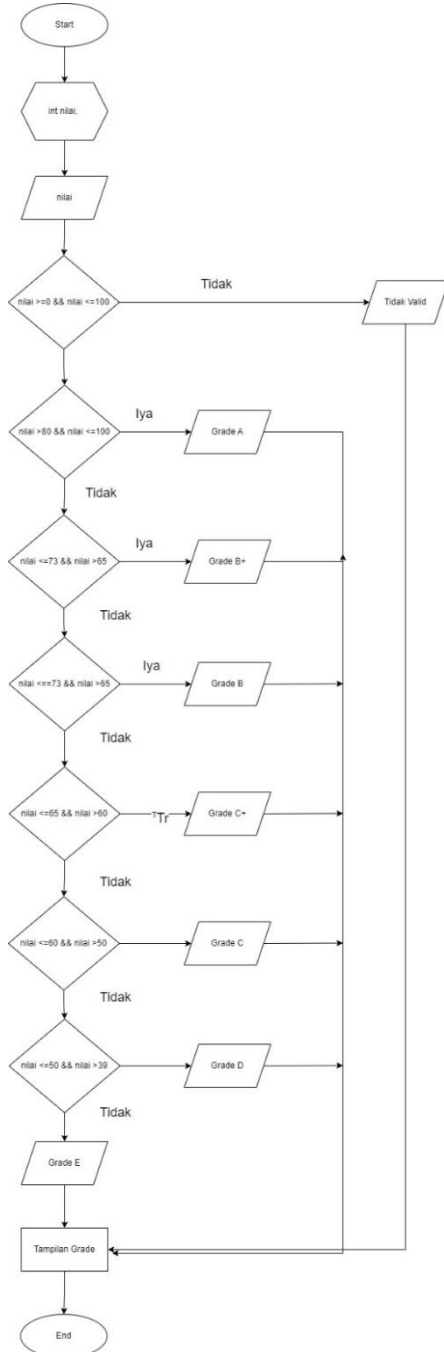
Push dan commit ke repository Github :

The screenshot displays a GitHub repository interface. On the left, a sidebar titled "Files" shows a list of files in the "main" branch. The file "Suhu29.java" is selected and highlighted. The main area of the interface shows the code editor for "Suhu29.java". The code is a Java program that uses a Scanner to read an integer input and then prints a message based on the input value. The code is as follows:

```
1  import java.util.Scanner;
2
3  public class Suhu29 {
4      public static void main(String[] args) {
5          Scanner input29 = new Scanner(System.in);
6          int suhu;
7          char hujan;
8          System.out.print("Berapa suhu sekarang ? ");
9          suhu = input29.nextInt();
10
11         if (suhu > 27) {
12             System.out.println("Memakai dress");
13             System.out.println("Apakah sekarang hujan (y atau t)?");
14             hujan = input29.next().charAt(0);
15             if (hujan == 'y') {
16                 System.out.println("Membawa payung");
17             } else {
18                 System.out.println("Memakai sunscreen");
19             }
20         } else {
21             System.out.println("Memakai celana panjang");
22         }
23     }
24 }
```

Flowchart Fitur SIAKAD yang Mengandung Pemilihan 2 (Nested If)

1. Konversi Nilai



2. Penggolongan UKT

