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## SKENARIO LOGIN

### 1. Skenario sebelum login

```
#####  
## WEB GUE ##  
#-----##  
# Akses ditutup untuk user guest ##  
# Mohon login terlebih dahulu ##  
#-----##  
# Create by Gagas Surya Laksana ##  
#####  
#####  
## WEB GUE ##  
#-----##  
# Selamat data ##  
# Anda sedang berada di home page ##  
# Ini penjelasan umum home page ##  
#-----##  
# Create by Gagas Surya Laksana ##  
#####
```

### 2. Skenario sesudah login

```
Nafisa berhasil login ke halaman Dashboard  
#####  
## WEB GUE ##  
#-----##  
# Dashboard Page - Nafisa ##  
# Opsi-opsi page dashboard ##  
# dsb. ##  
#-----##  
# Create by Gagas Surya Laksana ##  
#####  
Selamat datang di halaman Home, Andini!  
#####  
## WEB GUE ##  
#-----##  
# Selamat datang, Andini! ##  
# Anda sedang berada di home page ##  
# Ini penjelasan khusus home page ##  
#-----##  
# Create by Gagas Surya Laksana ##  
#####
```

## CODE

### 1. Main.java

```
1  public class Main {  
2      public static void main(String[] args) {  
3          String title = "WEB GUE ";  
4          DashboardPage dp = new DashboardPage(title);  
5          HomePage hp = new HomePage(title);  
6  
7          dp.showFullPage();  
8          hp.showFullPage();  
9  
10         dp.login( input: "Nafisa");  
11         dp.showFullPage();  
12         hp.login( input: "Andini");  
13         hp.showFullPage();  
14     }  
15 }
```

### 2. Loginable.java – interface

```
1  interface Loginable { 1 usage 2 implementations  
2      void login(String input); no usages 2 implementations  
3  }
```

### 3. WebPage.java – class

```

1  @ public class WebPage{ 2 usages 2 inheritors
2      private String webTitle = ""; 2 usages
3      protected String loggedUsername = ""; 12 usages
4
5      public WebPage(String title){ 2 usages
6          this.webTitle = title;
7      }
8
9      protected void showHeader(){ 1 usage
10         System.out.println("#####");
11         System.out.println("## "+this.webTitle+" ##");
12         System.out.println("#-----##");
13     }
14
15     protected void showFooter(){ 1 usage
16         System.out.println("#-----##");
17         System.out.println("# Create by Gagah Surya Laksana ##");
18         System.out.println("#####");
19     }
20
21  @ protected void showMainPage() { 1 usage 2 overrides
22      }
23
24      public void showFullPage(){ 1 usage
25          this.showHeader();
26          this.showMainPage();
27          this.showFooter();
28      }
29  }
30

```

#### 4. HomePage.java – class

```

1  public class HomePage extends WebPage implements Loginable{ 2 usages
2      public HomePage(String title){ 1 usage
3          super(title);
4      };
5
6  @ public void login(String input){ no usages
7      this.loggedUsername = input;
8      if(this.loggedUsername != null){
9          System.out.println("Selamat datang dihalaman Home, "+this.loggedUsername+"!");
10     }
11 };
12
13 @ protected void showMainPage(){ 2 usages
14     if(this.loggedUsername == null || this.loggedUsername == ""){
15         System.out.println("# Selamat data ##");
16         System.out.println("# Anda sedang berada di home page ##");
17         System.out.println("# Ini penjelasan umum home page ##");
18     } else {
19         System.out.println("# Selamat datang, "+this.loggedUsername+"! ##");
20         System.out.println("# Anda sedang berada di home page ##");
21         System.out.println("# Ini penjelasan khusus home page ##");
22     }
23 };
24 }

```

#### 5. DashboardPage.java – class

```

1 public class DashboardPage extends WebPage implements Loginable { 2 usages
2     public DashboardPage(String title){ 1 usage
3         super(title);
4     }
5
6     public void login(String input) { no usages
7         this.loggedUsername = input;
8         if(this.loggedUsername != null){
9             System.out.println(this.loggedUsername+" berhasil login ke halaman Dashboard");
10        }
11    }
12
13    protected void showMainPage(){ 2 usages
14        if(this.loggedUsername == null || this.loggedUsername == ""){
15            System.out.println("# Akses ditutup untuk user guest ##");
16            System.out.println("# Mohon login terlebih dahulu ##");
17        } else {
18            System.out.println("# Dashboard Page - "+this.loggedUsername+" ##");
19            System.out.println("# Opsi-opsi page dashboard ##");
20            System.out.println("# dsb. ##");
21        }
22    };
23 }
24

```