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Posttest 6

Pemrograman Berorientasi Objek

SS Program:

1. Tampilan Awal

```
run:
O=====O
|      Eleganz Watch      |
O=====O
|  1. Registration      |
|  2. Login             |
|  E. Exit              |
O=====O
Input choice : |
```

2. Registration

```
Input choice : 1
O=====O
|      Registration      |
O=====O
Username : User
Password : 123
Address  : Jl. Baru
Email    : user@gmail.com
Successful Registration!!!
```

3. Login (non-Admin)

```
Input choice : 2
O=====O
|      Login Eleganz Watch      |
O=====O
Username : User
Password : 123
-> Welcome User <-
O=====O
|      Eleganz Watch      |
O=====O
|  1. Display             |
|  2. Buy                 |
|  3. Payment             |
|  E. Logout              |
O=====O
Input choice :
```

4. Menampilkan Data

Digital Watch:

```
Input choice : 1
O=====O
|         Display Watch         |
O=====O
| 1. Digital Watch              |
| 2. Analog Watch              |
| E. Back                      |
O=====O
Input choice : 1
O=====O
|         Digital Watch         |
O=====O
Watch No. 1
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 200
-----
=====
```

Analog Watch:

```
Input choice : 2
O=====O
|         Analog Watch         |
O=====O
Watch No. 1
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 200
-----
=====
```

5. Membeli Jam Tangan

Digital Watch:

```
Input choice : 2
O=====O
|           Buy Watch           |
O=====O
| 1. Digital Watch              |
| 2. Analog Watch              |
| E. Back                      |
O=====O
Input choice : 1
O=====O
|           Digital Watch       |
O=====O
Watch No. 1
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 200
-----
=====
Input Number      : 1
Purchase amount   : 3
```

Analog Watch:

```
Input choice : 2
O=====O
|           Analog Watch       |
O=====O
Watch No. 1
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 200
-----
=====
Input Number      : 1
Purchase amount   : 2
```

6. Payment

```
Input choice : 3
O=====O
|           Payment           |
O=====O
|       ELeganz Watch       |
O=====O
=====
| 1. User | High Tide BLACK | Nixon | D1G0J4M | Black | 3 | Rp.750000
=====
| 2. User | A035001 | Nixon | 4N40J4M | Black | 2 | Rp.460000
=====
Total = Rp.1210000
=====
Input   : Rp. 1210000
Change  : Rp. 0
Your purchase is being processed
Thank you!
```

Stok data setelah melakukan pembayaran

```
Input choice : 1
O=====O
|       Digital Watch       |
O=====O
Watch No. 1
Name      : High Tide BLACK
Merk      : Nixon
Color     : Black
Fitur     : LED Light, Stopwatch, Temperature
Price     : Rp.250000
Quantity  : 197
-----
=====

Input choice : 2
O=====O
|       Analog Watch       |
O=====O
Watch No. 1
Name      : A035001
Merk      : Nixon
Color     : Black
Fitur     : Date
Price     : Rp.230000
Quantity  : 198
-----
=====
```

7. Melakukan pembelian jam tangan namun tidak melakukan pembayaran maka stok barang tidak akan berkurang (data tidak tersimpan ke data transaksi di admin)

Digital Watch:

```
Input choice : 2
O=====O
|          Buy Watch          |
O=====O
| 1. Digital Watch           |
| 2. Analog Watch           |
| E. Back                   |
O=====O
Input choice : 1
O=====O
|      Digital Watch        |
O=====O
Watch No. 1
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197
-----
=====
Input Number      : 1
Purchase amount   : 5
```

Analog Watch:

```
Input choice : 2
O=====O
|      Analog Watch        |
O=====O
Watch No. 1
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 198
-----
=====
Input Number      : 1
Purchase amount   : 10
```

Jika melihat kembali data jam tangan:

```

Input choice : 1
O=====O
|           Digital Watch           |
O=====O
Watch No. 1
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197
-----
=====

```

```

Input choice : 2
O=====O
|           Analog Watch           |
O=====O
Watch No. 1
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 198
-----
=====

```

8. Logout

```

O=====O
|           Eleganz Watch           |
O=====O
| 1. Display                         |
| 2. Buy                            |
| 3. Payment                        |
| E. Logout                         |
O=====O
Input choice : E
O=====O
| Thank you for visiting!           |
O=====O

```

9. Login (Admin)

```
Input choice : 2
O=====O
|      Login Eleganz Watch      |
O=====O
Username : admin
Password : admin
-> Welcome Admin <-
O=====O
|           Admin              |
O=====O
| 1. Display Data              |
| 2. Add Watch                 |
| 3. Edit Watch                |
| 4. Delete Watch              |
| E. Logout                    |
O=====O
Input choice : |
```

10. Menampilkan Data

- User

```
Input choice : 1
O=====O
|           User              |
O=====O
[1] Username   : ikhwan
    Password   : 123
    Address    : Jl. Cendana
    Email      : ikhwan@gmail.com
-----
[2] Username   : User
    Password   : 123
    Address    : Jl. Baru
    Email      : user@gmail.com
-----
O=====O
```

- Watch

Digital Watch:

```

Input choice : 2
O=====O
|         Display Watch         |
O=====O
| 1. Digital Watch              |
| 2. Analog Watch               |
| E. Back                      |
O=====O
Input choice : 1
O=====O
|         Digital Watch         |
O=====O
Watch No. 1
Code       : D1G0J4M
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197
-----
=====

```

Analog Watch

```

Input choice : 2
O=====O
|         Analog Watch         |
O=====O
Watch No. 1
Code       : 4N40J4M
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 198
-----
=====

```


- Transaction

```

Input choice : 3
=====O
|      Transaction History      |
|=====O
Customer Name : User
Product Name  : High Tide BLACK
Code Product  : D1G0J4M
Merk          : Nixon
Color         : Black
Fitur         : LED Light, Stopwatch, Temperature
Price        : Rp.250000
Quantity     : 3
-----
Customer Name : User
Product Name  : A035001
Code Product  : 4N40J4M
Merk          : Nixon
Color         : Black
Fitur         : Date
Price        : Rp.230000
Quantity     : 2
-----
Overall Profit = Rp.1210000.0
-----

```

11. Menambahkan Data

Digital Watch

```

Input choice : 2
=====O
|      Add Watch      |
|=====O
| 1. Digital Watch    |
| 2. Analog Watch     |
| E. Back             |
|=====O
Input choice : 1
=====O
|      Add Watch      |
|=====O
Name          : Digi AC 9377 MH RIPBAYL
Merk          : Alexandre Christie
Color         : Yellow
Fitur         : Calendar, Stopwatch
Price        : Rp.585000
Quantity     : 130

```

Analog Watch

```
Input choice : 2
=====0
|           Add Watch           |
|=====0
Name           : UNICO SORAI 44MM
Merk           : Hublot
Color          : Purple
Fitur          : -
Price          : Rp.2000000
Quantity       : 125
```

Menampilkan data setelah ditambahkan data baru

```
Input choice : 1
=====0
|           Digital Watch       |
|=====0
Watch No. 1
Code          : D1G0J4M
Name          : High Tide BLACK
Merk          : Nixon
Color         : Black
Fitur         : LED Light, Stopwatch, Temperature
Price        : Rp.250000
Quantity     : 197
-----
Watch No. 2
Code          : D1G1J4M
Name          : Digi AC 9377 MH RIPBAYL
Merk          : Alexandre Christie
Color         : Yellow
Fitur         : Calendar, Stopwatch
Price        : Rp.585000
Quantity     : 130
-----
=====
```

```

Input choice : 2
0=====0
|           Analog Watch           |
0=====0

Watch No. 1
Code       : 4N40J4M
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 198

-----

Watch No. 2
Code       : 4N41J4M
Name       : UNICO SORAI 44MM
Merk       : Hublot
Color      : Purple
Fitur      : -
Price      : Rp.2000000
Quantity   : 125

-----
=====

```

12. Mengubah Data

```

0=====0
|           Digital Watch           |
0=====0

Watch No. 1
Code       : D1G0J4M
Name       : High Tide BLACK
Merk       : Nixon
Color      : Black
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197

-----

Watch No. 2
Code       : D1G1J4M
Name       : Digi AC 9377 MH RIPBAYL
Merk       : Alexandre Christie
Color      : Yellow
Fitur      : Calendar, Stopwatch
Price      : Rp.585000
Quantity   : 130

-----
=====

Input Code : D1G0J4M
Name       : High Tide Black
Merk       : Nixon
Color      : Red
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197

0=====0
|           Watch edited!           |
0=====0

```

Setelah diubah, tampilkan kembali

```
Input choice : 1
O=====O
|         Digital Watch         |
O=====O

Watch No. 1
Code       : D1G0J4M
Name       : High Tide Black
Merk       : Nixon
Color      : Red
Fitur      : LED Light, Stopwatch, Temperature
Price      : Rp.250000
Quantity   : 197
-----

Watch No. 2
Code       : D1G1J4M
Name       : Digi AC 9377 MH RIPBAYL
Merk       : Alexandre Christie
Color      : Yellow
Fitur      : Calendar, Stopwatch
Price      : Rp.585000
Quantity   : 130
-----
=====
```

13. Menghapus Data

```
Input choice : 2
O=====O
|         Analog Watch         |
O=====O

Watch No. 1
Code       : 4N40J4M
Name       : A035001
Merk       : Nixon
Color      : Black
Fitur      : Date
Price      : Rp.230000
Quantity   : 198
-----

Watch No. 2
Code       : 4N41J4M
Name       : UNICO SORAI 44MM
Merk       : Hublot
Color      : Purple
Fitur      : -
Price      : Rp.2000000
Quantity   : 125
-----

Input Code : 4N40J4M
O=====O
|         Watch deleted         |
O=====O
```

Menampilkan data setelah dihapus

```
Input choice : 2
=====0
|           Analog Watch           |
|=====0
Watch No. 1
Code       : 4N41J4M
Name       : UNICO SORAI 44MM
Merk       : Hublot
Color      : Purple
Fitur      : -
Price      : Rp.2000000
Quantity   : 125
-----
=====
```

14. Keluar Program

```
=====0
|           Admin           |
|=====0
| 1. Display Data          |
| 2. Add Watch             |
| 3. Edit Watch            |
| 4. Delete Watch          |
| E. Logout               |
|=====0
Input choice : E
=====0
| Thank you for visiting!  |
|=====0

=====0
|           Eleganz Watch   |
|=====0
| 1. Registration          |
| 2. Login                 |
| E. Exit                  |
|=====0
Input choice : E
=====0
| Thank you for visiting!  |
|=====0
BUILD SUCCESSFUL (total time: 22 minutes 55 seconds)
```