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## POSTTEST 4 PEMROGRAMAN BERORIENTASI OBJEK

### INSTRUKSI PADA PROGRAM JAVA

Lanjutkan project posttest sebelumnya, buat folder baru Posttest4 dan copy file posttest sebelumnya ke folder baru

Instruksi pada posttest sebelumnya tetap wajib diterapkan pada posttest ini.

Terapkan konsep Polymorphism keduanya [**Minimal 1 fungsi overloading dan override**]

Penerapan

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#### 1. Ss Program

##### a. Add data perusahaan baru

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                         =
=                                     [3] Update Asset                      =
=                                     [4] Delete Asset                     =
=                                     [5] Exit                             =
=====
Pilih Menu: [1/2/3/4/5]
2

=====
=                                     ADD DATA                             =
=====
=                                     [1] Data Perusahaan Baru             =
=                                     [2] Data Perusahaan Lama             =
=                                     [3] Exit                             =
=====
Pilih Menu: [1/2]
1
Nama Barang : Komputer
Lokasi      : Ruang B
ID Barang   : 1201
Kuantitas    : 2
Harga       : 10000000
Tanggal     : 120923
```

## b. Add data perusahaan lama

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                         =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                             =
=====

Pilih Menu: [1/2/3/4/5]
2

=====
=                                     ADD DATA                             =
=====
=                                     [1] Data Perusahaan Baru             =
=                                     [2] Data Perusahaan Lama             =
=                                     [3] Exit                             =
=====

Pilih Menu: [1/2]
2
Nama Barang   : Proyektor
Lokasi        : Ruang C
ID Barang     : 1301
Kuantitas     : 2
Harga         : 1000000
Tanggal       : 130810
```

## C. Read data perusahaan baru

### a.Read data lengkap

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                         =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                             =
=====

Pilih Menu: [1/2/3/4/5]
1

=====
=                                     READ DATA ASSET                     =
=====
=                                     [1] Data Perusahaan Baru             =
=                                     [2] Data Perusahaan Lama             =
=                                     [3] Exit                             =
=====

Pilih Menu: [1/2/3]
1

=====
=                                     READ DATA ASSET                     =
=====
=                                     [1] Tampil Data Lengkap              =
=                                     [2] Tampil Data Tanpa Tanggal        =
=                                     [3] Exit                             =
=====

Pilih Menu: [1/2]
1

=====
| ID BARANG | NAMA BARANG   | LOKASI   | KUANTITAS | HARGA   |
=====
| 1301      | Komputer     | Ruang B  | 2         | 10000000
=====

Tanggal Penerimaan Barang : 120922
```

b.Read data tanpa tanggal

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                               =
=====
Pilih Menu: [1/2/3/4/5]
1

=====
=                                     READ DATA ASSET                       =
=====
=                                     [1] Data Perusahaan Baru              =
=                                     [2] Data Perusahaan Lama              =
=                                     [3] Exit                               =
=====
Pilih Menu: [1/2/3]

=====
=                                     READ DATA ASSET                       =
=                                     1                                       =
=====
=                                     [1] Tampil Data Lengkap              =
=                                     [2] Tampil Data Tanpa Tanggal          =
=                                     [3] Exit                               =
=====
Pilih Menu: [1/2]
2

=====
| ID BARANG | NAMA BARANG | LOKASI | KUANTITAS | HARGA |
| 1201 | Komputer | Ruang B | 2 | 10000000 |
```

D. Read data perusahaan lama  
a.Read data lengkap

```

=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                               =
=====

Pilih Menu: [1/2/3/4/5]
1

=====
=                                     READ DATA ASSET                       =
=====
=                                     [1] Data Perusahaan Baru                =
=                                     [2] Data Perusahaan Lama                =
=                                     [3] Exit                               =
=====

Pilih Menu: [1/2/3]
2

=====
=                                     READ DATA ASSET                       =
=====
=                                     [1] Tampil Data Lengkap                 =
=                                     [2] Tampil Data Tanpa Tanggal           =
=                                     [3] Exit                               =
=====

Pilih Menu: [1/2/3]
1

=====
| ID BARANG | NAMA BARANG      | LOKASI      | Kuantitas | HARGA      |
=====
| 1301      | Proyektor        | Ruang C     | 2         | 1000000    |
=====

Tanggal Penerimaan Barang : 130810

```

## b.Read data tanpa tanggal

```

=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                               =
=====

Pilih Menu: [1/2/3/4/5]
1

=====
=                                     READ DATA ASSET                       =
=====
=                                     [1] Data Perusahaan Baru                =
=                                     [2] Data Perusahaan Lama                =
=                                     [3] Exit                               =
=====

Pilih Menu: [1/2/3]
2

=====
=                                     READ DATA ASSET                       =
=====
=                                     [1] Tampil Data Lengkap                 =
=                                     [2] Tampil Data Tanpa Tanggal           =
=                                     [3] Exit                               =
=====

Pilih Menu: [1/2/3]
2

=====
| ID BARANG | NAMA BARANG      | LOKASI      | Kuantitas | HARGA      |
=====
| 1301      | Proyektor        | Ruang C     | 2         | 1000000    |
=====

```

## E. Update data perusahaan baru

```

=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                       =
=                                     [5] Exit                               =
=====
Pilih Menu: [1/2/3/4/5]
3

```

```

=====
=                                     UPDATE DATA                             =
=====
=                                     [1] Data Perusahaan Baru                =
=                                     [2] Data Perusahaan Lama                =
=                                     [3] Exit                               =
=====
Pilih Menu: [1/2]
1
=====
1.      Nama Barang   : Komputer

```

```

=====
Choose Name   : Komputer
=====
=                                     ADDING NEW DATA                         =
=====
Nama Barang   : Laptop
Lokasi        : Ruang B
Id Barang     : 1202
Kuantitas     : 1
Harga         : 8000000
Tanggal       : 010323
=====
=                                     UPDATE DATA SUCCSES                     =
=====

```

## F. Update data perusahaan lama

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                         =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                             =
=====
Pilih Menu: [1/2/3/4/5]
3

=====
=                                     UPDATE DATA                         =
=====
=                                     [1] Data Perusahaan Baru             =
=                                     [2] Data Perusahaan Lama             =
=                                     [3] Exit                             =
=====
Pilih Menu: [1/2]
2

=====
1.      Nama Barang   : Proyektor

=====
Choose Name   : Proyektor
=====
=                                     ADDING NEW DATA                     =
=====
Nama Barang   : Speaker
Lokasi       : Ruang C
Id Barang    : 1304
Kuantitas    : 3
Harga       : 1500000
Tanggal     : 100712

=====
=                                     UPDATE DATA SUCCSES                 =
=====
```

## G. Delete data perusahaan baru

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                         =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                             =
=====
Pilih Menu: [1/2/3/4/5]
4

=====
=                                     DELETE DATA                         =
=====
=                                     [1] Data Perusahaan Baru             =
=                                     [2] Data Perusahaan Lama             =
=                                     [3] Exit                             =
=====
Pilih Menu: [1/2]
1

=====
1.      Nama Barang   : Laptop

=====
Choose Name   : Laptop
=====
=                                     DELETE DATA SUCCSES                 =
=====
```

H. Delete data perusahaan lama

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                               =
=====

Pilih Menu: [1/2/3/4/5]
4

=====
=                                     DELETE DATA                          =
=====
=                                     [1] Data Perusahaan Baru              =
=                                     [2] Data Perusahaan Lama              =
=                                     [3] Exit                               =
=====

Pilih Menu: [1/2]
2

=====
1.      Nama Barang   : Speaker

=====

Choose Name   : Speaker

=====
=                                     DELETE DATA SUCCSES                  =
=====
```

I. Exit

```
=====
=                                     MENU                                     =
=====
=                                     [1] Read Asset                         =
=                                     [2] Add Asset                          =
=                                     [3] Update Asset                       =
=                                     [4] Delete Asset                      =
=                                     [5] Exit                               =
=====

Pilih Menu: [1/2/3/4/5]
5

=====
=                                     EXIT PROGRAM...                       =
=====
```