Tugas Kelas dan Objek II Praktikum Pemrograman 1

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Kelas: B

Link repo Github: https://github.com/FawwasSabil25/PBO_223040114.git

Sebelum memulai Latihan, kita harus membuat setter dan getter untuk fungsi lingkaran :

```
public class Lingkaran {
    private int Jari2;

    public Lingkaran(int Jari2){
        this.Jari2 = Jari2;
    }

    public int getJari2() {
        return Jari2;
    }

    public void setJari2(int Jari2) {
        this.Jari2 = Jari2;
    }
}
```

```
PROBLEMS S OUTPUT DEBUG CONSOLE TERMINAL PORTS

at.java\jdt_ws\src_3d3a15c1\bin' 'Latihan1'
5
5
10
10
10
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src>
```

Latihan 2

```
public class Latihan2 {
    Run|Debug
    public static void main(String[] args) {

    Lingkaran 11 = new Lingkaran(Jari2:5);
    Lingkaran 12 = 11;
    Lingkaran 13 = new Lingkaran(Jari2:7);

    System.out.println(11.getJari2());
    System.out.println(12.getJari2());
    System.out.println(13.getJari2());

10    System.out.println(13.getJari2());

11    12 = 13; //12 tidak lagi merefrensi ke 11 tapi di overwrite menjadi 13

13    System.out.println(11.getJari2());
    System.out.println(12.getJari2());
    System.out.println(13.getJari2());
    System.out.println(13.getJari2());

17    18    }

19 }
```

```
PROBLEMS SOUTPUT DEBUG CONSOLE TERMINAL PORTS

5
7
5
7
7
7
7
7
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src>
```

```
public class Latihan3 {
    Run | Debug
    public static void main(String[] args) {

    Lingkaran 11 = new Lingkaran(Jari2:5);
    Lingkaran 12 = 11;
    Lingkaran 13 = new Lingkaran(Jari2:7);

    System.out.println(11.getJari2());
    System.out.println(12.getJari2());

    System.out.println(13.getJari2());

    12 = null; //12 tidak lagi mereprentasi ke l1

    System.out.println(11.getJari2());

    System.out.println(12.getJari2());

    System.out.println(12.getJari2());

    //error Cannot invoke "Lingkaran.getJari2()" because "12" is null
    //12 tidak dapat di print karena nilainya null
    System.out.println(13.getJari2());

    System.out.println(13.getJari2());
}
```

```
PROBLEMS S OUTPUT DEBUG CONSOLE TERMINAL PORTS

5
7
5
7
7
7
7
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src> 
Call Spaces: 4 UTF-8 CRLF {} Java
```

Latihan 4

```
PROBLEMS S OUTPUT DEBUG CONSOLE TERMINAL PORTS

-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ASUS\AppData\Roaming\Code\User\workspaceStorage\7
16dbccc1d7721cc334ef7e500\redhat.java\jdt_ws\src_3d3a15c1\bin' 'Latihan5'
5
5
7
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src>
```

Latihan 6 (Latihan student) perlu setter & getter utk Student

```
public class Latihan6 {
          public static void main(String[] args) {
              Student x = new Student(Nrp:0);
              x.setNrp(Nrp:01);
              y.setNrp(Nrp:02);
              System.out.println(x.getNrp()); //di print pertama (2)
              Student z = new Student(Nrp:0);
              z.setNrp(Nrp:03);
              System.out.println(x.getNrp()); //sehingga x disini itu 3
              System.out.println(y.getNrp()); //sedangkan y masih 2 krna terikat dengan x yg lama
 Problems (5)
             OUTPUT DEBUG CONSOLE TERMINAL
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src> & 'C:\Program Files\Java\jdk-19\bin\jav
-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ASUS\AppData\Roaming\Code\User\workspaceStorage
16dbccc1d7721cc334ef7e500\redhat.java\jdt_ws\src_3d3a15c1\bin' 'Latihan6'
2
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PBO (vsCode)\src>
                                                                                Ln 19, Col 1 Spaces: 4 UTF-8 CRL
eady - 4- Reconnect to Discord
```

Student.java

```
public class Student {
    private int Nrp;

public Student(int Nrp){
    this.Nrp = Nrp;
}

public int getNrp() {
    return Nrp;
}

public void setNrp(int Nrp) {
    this.Nrp = Nrp;
}

this.Nrp = Nrp;
}
```

```
public class Latihan7 {
          public static void main(String[] args) {
              Lingkaran 11 = new Lingkaran(Jari2:5);
              System.out.println(l1.getJari2()); //5
              System.out.println(12.getJari2()); //5
              ubahJari2(12); //value 12 diubah dengan fungsi ubahNrp
              System.out.println(l1.getJari2()); //4 (krna l1 terikat sama l2 = 4)
              System.out.println(12.getJari2()); //4
          public static void ubahJari2(Lingkaran obj){
              obj.setJari2(Jari2:4); //12 menjadi 4
      } 🖁
problems (5) output debug console terminal
-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ASUS\AppData\Roaming\Code\User\workspaceStora;
16dbccc1d7721cc334ef7e500\redhat.java\jdt_ws\src_3d3a15c1\bin' 'Latihan7'
5
5
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PB0 (vsCode)\src>
eady - 👫 Reconnect to Discord
```