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Tugas Praktek

- Class HitungSegi4 dan main class

```
Source  History
 */
package hitungsegi4;

/**
 *
 * @author Miftakhuddin Falaki
 */
import java.util.*;
public class HitungSegi4 {

    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) {
        // TODO code application logic here
        Scanner sc = new Scanner(System.in);

        LuasSegi4 l4 = new LuasSegi4();
        KelilingSegi4 k4 = new KelilingSegi4();
        TotalSegi4 t4 = new TotalSegi4();

        System.out.print("Panjang Segi Empat = ");
        int pjg = sc.nextInt();
        System.out.print("Lebar Segi Empat = ");
        int lbr = sc.nextInt();
        System.out.print("Luas Segi Empat = ");
        int iLuas = sc.nextInt();

        l4.setPanjang(pjg);
        l4.setLebar(lbr);
        k4.setPanjang(pjg);
        k4.setLebar(lbr);
        t4.setPanjang(pjg);
        t4.setLebar(lbr);
        t4.setTotal(iLuas);

        System.out.println("\n----------------------");
        System.out.println("Luas Segiempat ( Panjang * Lebar )");
        System.out.println(pjg+ " * "+lbr+" = "+l4.getLuas());
        System.out.println("Keliling Segiempat 2(panjang*Lebar)");
        System.out.println("2("+pjg+" * "+lbr+") = "+k4.getkeliling());
        System.out.println("Keliling Segiempat Luas+(Panjnag * Lebar)");
        System.out.println(iLuas+"("+pjg+" * "+lbr+") = "+t4.getLuasl());
    }

}
```

- Class MethodSegi4

```
6   package hitungsegi4;
7
8   /**
9    *
10   * @author Miftakhuddin Falaki
11   */
12  public class MethodSegi4 {
13      int luas, panjang, lebar;
14      void setPanjang(int newValue){
15      panjang = newValue;
16      }
17      void setLebar(int newValue){
18      lebar = newValue;
19      }
20      void setTotal(int newValue){
21      luas = newValue;
22  }
23  }
24
25
```

- Class KelilingSegi4

```
6   package hitungsegi4;
7
8   /**
9    *
10   * @author Miftakhuddin Falaki
11   */
12  public class KelilingSegi4 extends MethodSegi4{
13      int getkeliling(){
14          return 2*(panjang*lebar);
15      }
16  }
17
```

- Class LuasSegi4

```java
package hitungsegi4;

/**
 *
 * @author Miftakhuddin Falaki
 */
public class LuasSegi4 extends MethodSegi4{
    int getLuas(){
        return panjang*lebar;
    }
}

```

- Class TotalSegi4

```java
package hitungsegi4;

/**
 *
 * @author Miftakhuddin Falaki
 */
public class TotalSegi4 extends MethodSegi4{
    int getLuas1(){
        return (luas)+(panjang*lebar);
    }
}

```

- Output

```
Output - HitungSegi4 (run)
run:
Panjang Segi Empat = 8
Lebar Segi Empat = 16
Luas Segi Empat = 4

----------------------
Luas Segiempat ( Panjang * Lebar )
8 * 16 = 128
Keliling Segiempat 2(panjang*Lebar)
2(8 * 16) = 256
Keliling Segiempat Luas+(Panjnag * Lebar)
4(8 * 16) = 132
BUILD SUCCESSFUL (total time: 22 seconds)
```