PROJECT KELOMPOK 3 – R5L

```
public class Manusia {

private String nama;
private String npm;
private String kelas;

public Manusia(String n, String npm, String kelas) {
this.nama = n;
this.npm = npm;
this.kelas = kelas;
}
public String tampilkanNama() {
return nama;
}
public String tampilkanNpm() {
return npm;
}
public String tampilkanKelas() {
return kelas;
}
}
```

```
public class MHS {
public static void main(String[] args) { Nurul Afrianti – 201143501514 – R5L
Manusia Nurul = new Manusia("Nurul Afrianti", "201143501514","R5L");
System.out.println("Nama \t : " + Nurul.tampilkanNama());
```

```
System.out.println("NPM \t : " + Nurul.tampilkanNpm());
System.out.println("Kelas \t : " + Nurul.tampilkanKelas());
System.out.println();
}
}
```

Output:

```
class Posisi {
 public void cetak1(){
 System.out.println("Saya di posisi depan !");}
 protected void cetak2(){ Nurul Afrianti – 201143501514 – R5L
 System.out.println("I am a Striker !");}
 private void cetak3(){
 System.out.println("P=" +P);
 }
 int P = 8;
}
```

```
public class Striker extends Posisi {
 public static void main (String[]args){
 Striker a = new Striker();
 a.cetak1();
 a.cetak2();
 }
}
```

Output:

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```
class EkspresiWajah{
public String respons() {
return("Perhatikan ekspresi wajah saya");
}
}
class Gembira extends EkspresiWajah{
public String respons() {
return("ha..ha..ha..");
}
}
class Sedih extends EkspresiWajah{
public String respons() {
return("hiks..hiks..hiks..");
}
}
```

```
class MainEkspresiWajah{
public static void main(String args[]) {
EkspresiWajah objEkspresi = new EkspresiWajah();
Gembira objGembira = new Gembira();
Sedih objSedih = new Sedih();
EkspresiWajah[] arrEkspresi = new EkspresiWajah[4];
arrEkspresi[0] = objEkspresi;
```

```
arrEkspresi[1] = objGembira; Nurul Afrianti – 201143501514 – R5L
arrEkspresi[2] = objSedih;
System.out.println("Ekspresi: "+arrEkspresi[0].respons());
System.out.println("Ekspresi[1]: "+arrEkspresi[1].respons());
System.out.println("Ekspresi[2]: "+arrEkspresi[2].respons());
}
}
```

Output:

```
class SubKelas extends KelasSuper {
public void methodAsli() {
System.out.println("Method yang overrided jalan");
}
public void methodPemanggil (){ Nurul Afrianti – 201143501514 – R5L
System.out.println("Method pemanggil methodAsli jalan");
super.methodAsli(); // yang dipanggil milik kelas super
}
public static void main(String [] args) {
SubKelas osk = new SubKelas();
osk.methodAsli();
osk.methodPemanggil();
}
}
```

```
class KelasSuper {
```

```
public void methodAsli() {
System.out.println("Method Asli Kelas Super Jalan");
}
public static void main(String[] args) {
KelasSuper oks = new KelasSuper();
oks.methodAsli();
}
}
```

Output: Nurul Afrianti – 201143501514 – R5L

```
import java.util.Scanner;
public class Hitung {
 public static void main (String[] args) {
 Scanner masukan = new Scanner(System.in);
 int pilihan=9;
 do {
 System.out.println("MENU");
 System.out.println("1. Menghitung Luas Persegi Panjang");
 System.out.println("2. Menghitung Luas Lingkaran");
 System.out.println("0. Keluar");
 System.out.print("Masukkan Pilihan Anda : ");
 pilihan = masukan.nextInt();
 switch(pilihan){ Nurul Afrianti – 201143501514 – R5L
 case 1 : luasPersegiPanjang();break;
 case 2 : luasLingkaran();break;
```

```
}
} while(pilihan != 0);
}

private static void luasPersegiPanjang(){
Scanner masukan = new Scanner(System.in);
float panjang, lebar, luas;
System.out.print("Masukkan Nilai Panjang : ");
panjang = masukan.nextFloat();
System.out.print("Masukkan Nilai lebar : ");
lebar = masukan.nextFloat();
luas = panjang * lebar;
System.out.println("Luas Persegi Panjang : " + luas);
}
private static void luasLingkaran(){
Scanner masukan = new Scanner(System.in);
float jari2, luas;
System.out.print("Masukkan Nilai Jari-Jari : ");
jari2 = masukan.nextFloat();
luas = 3.1428571f * jari2 * jari2;
System.out.println("Luas Lingkaran : " + luas);
}
} Nurul Afrianti – 201143501514 – R5L
```

Output: