

Jobsheet 9

📌 Subject	Object Oriented Programming
📌 Lecturer	Vipkas Al Hadid Firdaus S.T. M.T.
📌 Type	Assignment
📌 Semester	Semester 3
📅 Time	@November 12, 2023

Task 1

1. overloading is in the second `perkalian` method
2. there are one different parameter, which is `int c`
3. overloading is in the second `perkalian` method
4. there are two different parameter, which is both using `double` instead of `int`
5. overriding is in the `swim()` method inside the `Piranha` class
6. in the `Ikan` class, the `swim()` method is already declared, but in the `Piranha` class, they declared it again with the same parameter

Task 2

1. overloading

```
package task2;

public class Segitiga
{
    int sudut;

    int totalSudut(int sudutA) {
        sudut = 180 - sudutA;
        return sudut;
    }
}
```

```

int totalSudut(int sudutA, int sudutB) {
    sudut = 180 - (sudutA + sudutB);
    return sudut;
}

int keliling(int sisiA, int sisiB, int sisiC) {
    int keliling = sisiA + sisiB + sisiC;
    return keliling;
}

double keliling(int sisiA, int sisiB) {
    double c = Math.sqrt(sisiA * sisiA) + Math.sqrt(sisiB * sisiB);
    return c;
}
}

```

2. code

```

package task2;

public class Manusia
{
    void bernafas() {
        System.out.println("human can breath");
    }

    void makan() {
        System.out.println("human can eat");
    }
}

```

```

package task2;

public class Mahasiswa extends Manusia{
    void Tidur() {
        System.out.println("student can slep");
    }

    void makan() {
        System.out.println("student can eat");
    }
}

```

```
package task2;

public class Dosen extends Manusia{
    void makan(){
        System.out.println("Lecturer can eat");
    }

    void lembur(){
        System.out.println("WHO LET THEM COOK");
    }
}
```