Nama : Ariraf Karhala

Link github : https://github.com/Rirapp

https://github.com/Rirapp/simple-empployee-api

Test BE

1. buat contoh query menggunakan HQL

```
Mahasiswa.setFirstName("Ariraf");
Mahasiswa.setLastName("Karhala");
Mahasiswa.setClassName("TI18");
Mahasiswa.setNpm("123123");
```

```
Query query2 = session.
    createQuery("FROM Mahasiswa where rollNo = 123123");
Mahasiswa mhs1 = (Mahasiswa) query2.uniqueResult();
System.out.println("First Name: " + mhs1.getFirstName());
System.out.println("Last Name: " + mhs1.getLastName());
System.out.println("Class: " + mhs1.getClassName());
```

Output:

First Name : Ariraf

Last Name : Karhala

Class : TI18

Npm : 123123

2. buat contoh array list

```java
public class Main

{

    public static void main(String[] args) {

        System.out.println("Welcome to Online IDE!! Happy Coding :)");

        String[] orang = new String[4];

        orang[0] = "aku";

        orang[1] = "kamu";

        orang[2] = "dia";

        orang[3] = "kita";

        System.out.println(orang);


        ArrayList orangList = new ArrayList();

        orangList.add("aku");

        orangList.add("kamu");

        orangList.add("dia");

        orangList.add("kita");

        orangList.remove ("dia");
```

```
    }

}
```

Output:

Aku kamu kita

3. buat contoh iteration

For

```
for(int i=1; i<6; i++){

System.out.println(i+", ");

}
```

Output

12345

Do

```
int i =1;

while(i<6){

System.out.println(i+", ");

i++;

}
```

Output

i++

Do while

```
public class Loops {
public static void main(String[] args) {
int i =1;
do {
System.out.println(i+", ");
i++;
}while(i<6);
}
}
```

Output

12345

For each

```java
public class Loops {

public static void main(String[] args) {

int a[] = {1,2,3,4,5};

for (int i : a) {

System.out.print(i+", ");

}

}

}
```

Output

12345