

Nama : Ariraf Karhala

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

<https://github.com/Rirapp/simple-employee-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());  
System.out.println("NPM: " + mhs1.getNPMName());
```

Output:

First Name : Ariraf

Last Name : Karhala

Class : TI18

Npm : 123123

2. buat contoh array list

```
Import.java.util.ArrayList;
```

```
public class Main
```

```
{
```

```
    public static void main(String[] args) {
```

```
        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

```
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