

## Lab 9 Task 4 – SOAP Money Convertor

workspace-papyrus - http://localhost:8080/SOAPConverterClient/sampleConverterProxy/TestClient.jsp?endpoint=http://localhost:9392/SOAPConverter/services/Converter - Papyrus

File Edit Navigate Search Project Run Window Help

Project Explorer Converter.java Web Services Test Client Web Services Test Client

Desktop  
EurekaServer [boot]  
PrimitiveTypes  
SDA\_AssignmentTaskQuestion2  
Servers  
SOAPConverter  
Deployment Descriptor: SOAPConverter  
JAX-WS Web Services  
Java Resources  
src  
com.converter  
Converter.java  
Libraries  
build  
WebContent  
SOAPConverterClient  
JSR-109 Web Services

Methods

- [getEndpoint\(\)](#)
- [setEndpoint\(  
\(java.lang.String\)\)](#)
- [getConverter\(\)](#)
- [PKRtoEURO\(double\)](#)
- [EUROtoPKR\(double\)](#)
- [DOLLARtoPKR\(double\)](#)
- [PKRtoDOLLAR\(double\)](#)

Inputs

x: 10

Invoke Clear

Result

1540.3999999999999

Markers Properties Servers Data Source Explorer Snippets Console TCP/IP Monitor

Tomcat v7.0 Server at localhost [Started, Synchronized]

Done

Converter.java Web Services Test Client Web Services Test Client

http://localhost:8080/SOAPConverterClient/sampleConverterProxy/TestClient.jsp?endpoint=http://localhost:9392/SOAPConverter/services/Converter

Methods

- [getEndpoint\(\)](#)
- [setEndpoint\(  
\(java.lang.String\)\)](#)
- [getConverter\(\)](#)
- [PKRtoEURO\(double\)](#)
- [EUROtoPKR\(double\)](#)
- [DOLLARtoPKR\(double\)](#)
- [PKRtoDOLLAR\(double\)](#)

Inputs

x: 5

Invoke Clear

Result

929.35

## Task 5 – REST Employees

```
@RestController
public class EmployeeResource {
    @RequestMapping
    public List<Employee> getEmployee(){
        List<Employee> employees = new ArrayList<>();
        Employee employee1 = new Employee();
        employee1.setName("Amman Soomro");
        employee1.setID("19k");
        employee1.setNo("1048");

        Employee employee2 = new Employee();
        employee2.setName("Naba Jafri");
        employee2.setID("19k");
        employee2.setNo("1118");

        Employee employee3 = new Employee();
        employee3.setName("Hammad Ahmed");
        employee3.setID("19k");
        employee3.setNo("1100");

        Employee employee4 = new Employee();
        employee4.setName("Rohaam Khan");
        employee4.setID("19k");
        employee4.setNo("1120");

        Employee employee5 = new Employee();
        employee5.setName("Mashood Nadeem");
        employee5.setID("19k");
        employee5.setNo("1090");

        employees.add(employee1);
        employees.add(employee2);
        employees.add(employee3);
        employees.add(employee4);
        employees.add(employee5);
    }
}
```

```
EmployeeResource.java Employee.java
package com.SDA;

public class Employee {
    public String name;
    public String id;
    public String number;
    public String getName()
    {
        return name;
    }
    public void setName(String name)
    {
        this.name = name;
    }
    public String getID()
    {
        return id;
    }
    public void setID(String rollNo)
    {
        this.id = rollNo;
    }
    public String getNo()
    {
        return number;
    }
    public void setNo(String No)
    {
        this.number = No;
    }
}
```

GET localhost:8085

No Environment

localhost:8085

Save

</>

GET

localhost:8085

Send

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Cookies

Body

Cookies

Headers (5)

Test Results

Status: 200 OK

Time: 260 ms

Size: 479 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```
2      {
3        "name": "Amman Soomro",
4        "id": "19k",
5        "number": "1048",
6        "no": "1048"
7      },
8      {
9        "name": "Naba Jafri",
10       "id": "19k",
11       "number": "1118",
12       "no": "1118"
13     },
14     {
15       "name": "Hammad Ahmed",
16       "id": "19k",
17       "number": "1100",
18       "no": "1100"
19     },
```

Bootcamp

Auto-select agent

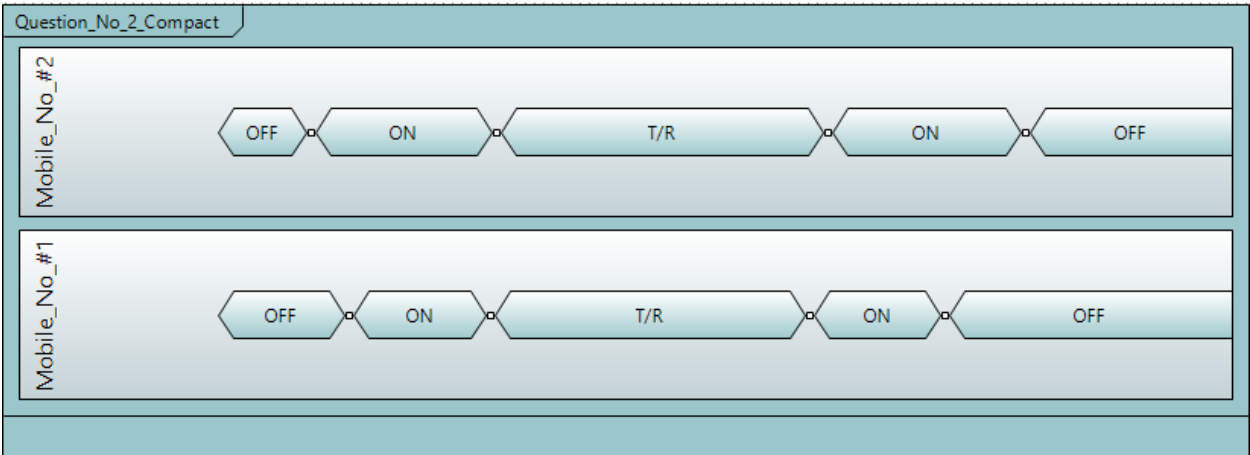
Runner

Trash

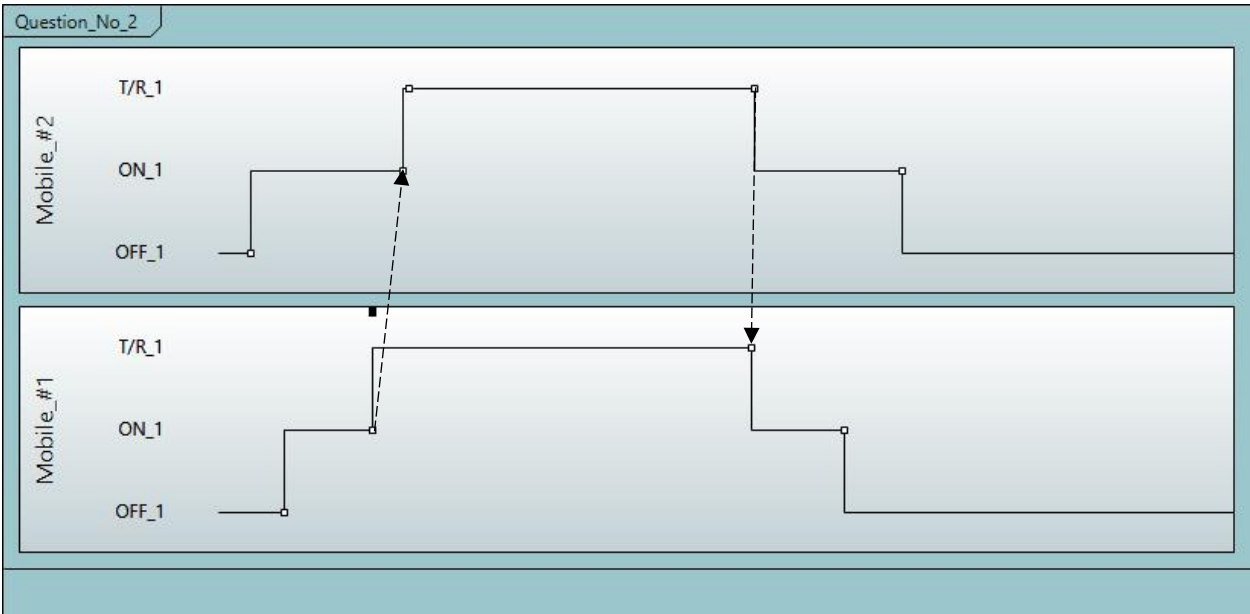
```
15     "name": "Hammad Ahmed",
16     "id": "19k",
17     "number": "1100",
18     "no": "1100"
19   },
20   {
21     "name": "Rohaam Khan",
22     "id": "19k",
23     "number": "1120",
24     "no": "1120"
25   },
26   {
27     "name": "Mashood Nadeem",
28     "id": "19k",
29     "number": "1090",
30     "no": "1090"
31   }
32 ]
```

# Question #2 – Timeline (Mobile)

## Compact

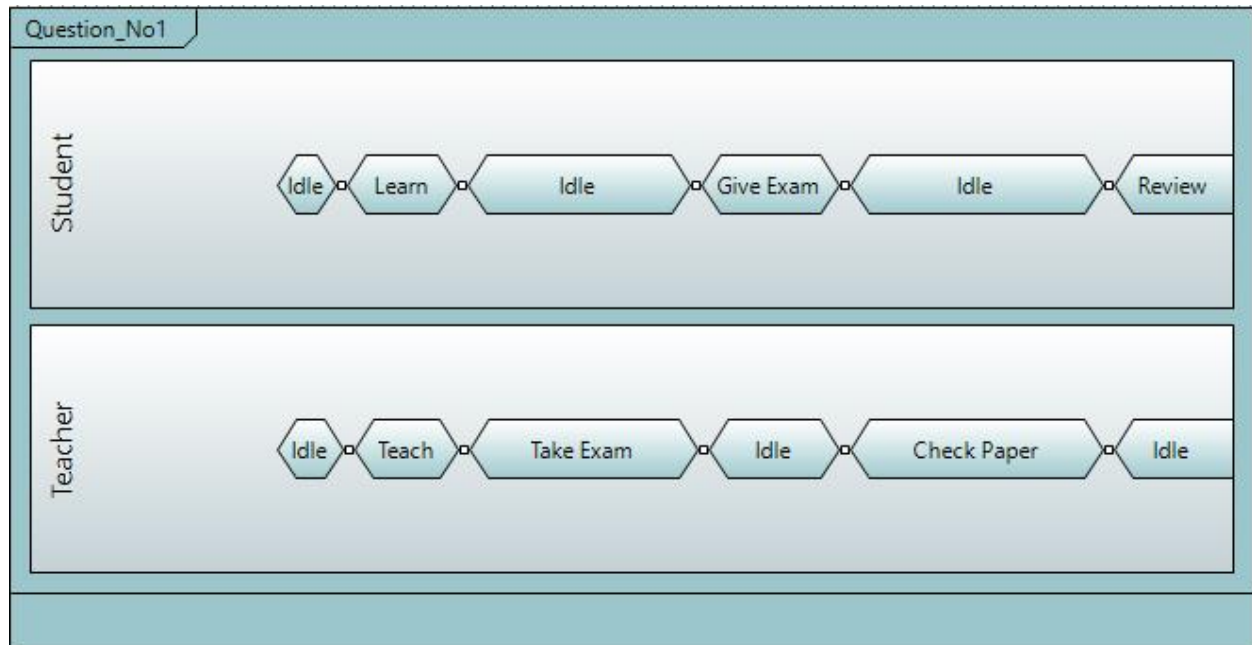


## Timeline



## Question No 1 – Timeline (Teacher-Student)

### Compact



### Timeline

