SRS (Software Requirement Specification)

- Create a database with the name **employee_data**.
- Create a table **'information'**.
- It should have five columns
- Sequence and column name should be as per following
  1. **Employee_name**
  2. **Employee_id**
  3. **Employee_profile**
  4. **Age**
  5. **Salary**

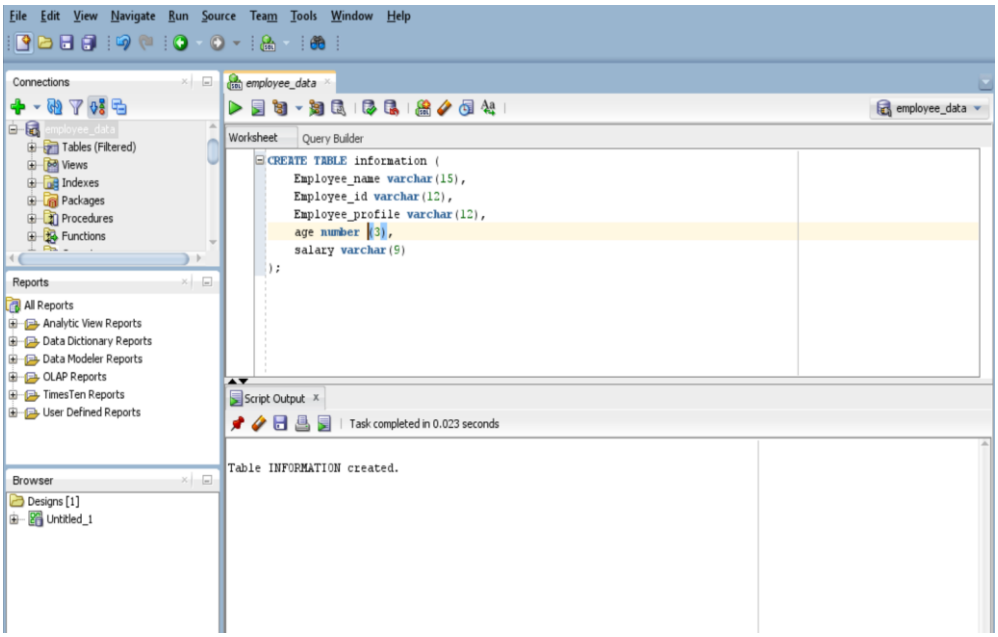
- Datatype should be as per following
  Employee_name Varchar2(15), Employee_id Varchar2(12**)**, Employee_profile Character(10), Age Number(2**)**, Salary Number(10**)**

Test Scenarios:

1. Database created with the name employee_data
   Test: Pass

2. Table name 'information' created
   Test: Pass

3. Table created with five columns
   Test: Pass

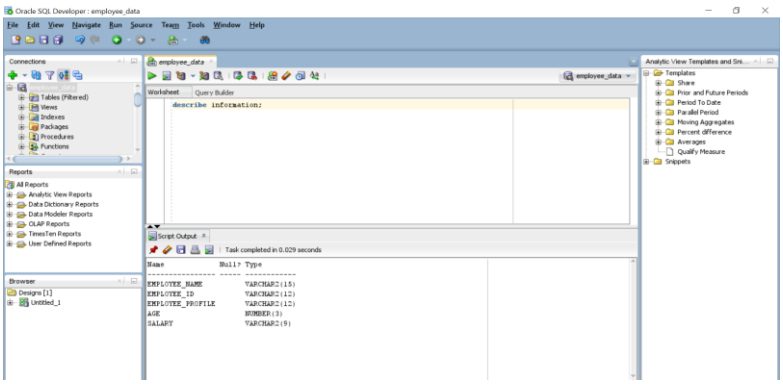


4. Validate Sequence as per the SRS sheet
   Test: Pass

```
Name             Null? Type
---------------- ----- ------------
EMPLOYEE_NAME          VARCHAR2(15)
EMPLOYEE_ID            VARCHAR2(12)
EMPLOYEE_PROFILE       VARCHAR2(12)
AGE                    NUMBER(3)
SALARY                 VARCHAR2(9)
```

5. Validate datatype of each column
   Test: Fail
   Datatype are not same as SRS sheet –defect in employee_profile, age and salary

6. Validate data type size / length of each column
   Test: Fail
   Datatype sizes are not matching with the SRS sheet- employee_profile , age and salary's sizes are not same as shared in SRS sheet.


Oracle SQL Developer : employee_data
File Edit View Navigate Run Source Team Tools Window Help
Connections
Tables (Filtered)
Views
Indexes
Packages
Procedures
Functions
Reports
All Reports
Analytic View Reports
Data Dictionary Reports
Data Modeler Reports
OLAP Reports
TimesTen Reports
User Defined Reports
Browser
Designs [1]
Untitled_1
employee_data
Worksheet
Query Builder
describe information;
Script Output
Task completed in 0.029 seconds
Name Null? Type
EMPLOYEE_NAME VARCHAR2(15)
EMPLOYEE_ID VARCHAR2(12)
EMPLOYEE_PROFILE VARCHAR2(12)
AGE NUMBER(3)
SALARY VARCHAR2(9)
Analytic View Templates and Sni...
Templates
Share
Prior and Future Periods
Period To Date
Parallel Period
Moving Aggregates
Percent difference
Averages
Qualify Measure
Snippets