This document contains the steps followed writing test cases and the solutions for the SQL Tasks.

Test Cases:

The following are the test cases are written using Page object model in Java with TestNG and Maven.

1) **Test case 1: SignUp into komoot:**

    1. Open Komoot.com website

    2. Click on Sign Up or Log on button

    3. Enter valid email address to proceed to signup

    4. Enter valid username and password

    5. Click on signup button

2) **Test case 2: Log in to Komoot & pick destination:**

    1. Click on Sign Up or Log on button

    2. Enter valid email address and password

    3. Click on search filed in discover perfect tour

    4. Enter the destination address in search filed

    5. Select the destination from drop down list

    6. Choose one favorite place from the filtered list.

3) **Test case 3: Komoot route planner:**

    1. Click on Sign Up or Log on button

    2. Enter valid email address and password

    3. Click on route planner

    4. Enter place or address in the search field

    5. Select the place address from drop down list

    6. Click on set as destination button

    7. Click on enter starting point search box

8. Enter starting point in the search filed

9. Select the place from drop down list

10. Click on send tour to my phone

11. Click on got it button

4) **Test case 4: Komoot shop:**

1. Click on Sign Up or Log on button

2. Enter valid email address and password

3. Click on Shop button

4. Click on Discover Premium button

5. Click on Discover multi day tour planner button

6. Click on All Premium Benefits (to go back)

7. Click on Explore Personal Collections button

8. Click on All Premium Benefits (to go back)

9. Click on Checkout weather forecasts button

10. Click on All Premium Benefits (to go back)

11. Click on Learn more about sport specific maps

12. Click on All Premium Benefits (to go back)

13. Click on Find out how you are protected button

14. Click on All Premium Benefits (to go back)

15. Click ion Browse benefits button

5) **Test case 5: Sparkasse-Finanzportal:**

1. Open Sparkasse Career page

2. Enter Job Description in the search field

3. Enter place in the search field

4. Click on Search button

SQL Tasks Solutions

1. select * from employee where salary = (select max(salary) from employee)
2. select max(salary) as HighestSalary from employee
3. select max(salary) from employee where salary < (select max(salary) from employee)
4. select * from employee where id between 10001 and 10004
5. select e.FIRST_NAME , e.last_name Name, d.DEPARTMENT_NAME, e.SALARY from EMPLOYEES e join departments d on e.DEPARTMENT_ID=d.DEPARTMENT_ID where e.SALARY in (select max(salary) from employees);
6. select d.DEPARTMENT_ID,d,department_name,e.name, max(e.SALARY) from EMPLOYEES e join departments d on e.DEPARTMENT_ID = d.DEPARTMENT_ID group by d.DEPARTMENT_id;