|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| logo-UMP2 | **FACULTY OF COMPUTER SYSTEMS & SOFTWARE ENGINEERING** | | | | |  |
| **COURSE:** Database Systems | | **CODE:** BCI2023 | | |
| **TOPIC:** Structured Query Language | | | | |
| **ASSESSMENT:** Lab Sheet | **NUM:** 5 | | | **DURATION:** 1.5 hours |
|  | | | | | | |
| **MATRIC NUM**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | **IC NUM: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | |

**Answer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **P\_Id** | **LastName** | **FirstName** | **Address** | **City** |
| 1 | Hansen | Ola | Timoteivn 10 | Sandnes |
| 2 | Svendson | Tove | Borgvn 23 | Sandnes |
| 3 | Pettersen | Kari | Storgt 20 | Stavanger |

Table 1: Persons

1) Create a table “Persons”

2) Insert data based on the above table.

3) Display your table

**SELECT \* FROM Persons**

4) Display only first name and last name.

**SELECT LastName,FirstName FROM Persons**

5) Display records for persons live in Pahang.

**SELECT \* FROM Persons  
WHERE City='Pahang'**

6) Display record where first name is Hansen and last name is Ola.

**SELECT \* FROM Persons  
WHERE FirstName='Aziah'  
OR FirstName='Kamilah'**

7) Display names order by last name.

**SELECT \* FROM Persons  
ORDER BY LastName**

8) Insert following data ‘4’,'Nilsen', 'Johan', 'Bakken 2', 'Stavanger'

**INSERT INTO Persons  
VALUES (4,'Nilsen', 'Johan', 'Bakken 2', 'Stavanger')**

9) Display records with city equal to Sandnes using command like.

**SELECT \* FROM Persons  
WHERE City LIKE '%s'**

10) Display records for person last name equal to Hansen and Pettersen using command in.

**SELECT \* FROM Persons  
WHERE LastName IN ('Hansen','Pettersen')**