**Csc1103**

**Access sheet**

**Create ( Doctor ) table containing the following fields :**

|  |  |  |  |
| --- | --- | --- | --- |
| Field name | Data type | Rules\ properties | Description |
| ID | AutoNumber | Primary key | Doctor ID |
| First name | text | 15 Character |  |
| Last name | text | 20 Character |  |
| Married | Yes/NO |  |  |
| salary | currency | Not less than 2000  and the following message appears when wrong data is entered:  Salary should not be less than 2000 | Monthly Salary |
| Appointment date | date | Short date |  |
| Department NO | number | integer |  |

**Create (Department) table containing the following fields :**

|  |  |  |  |
| --- | --- | --- | --- |
| Field name | Data type | Rules\ properties | Description |
| Department NO | number | Integer\ Primary key |  |
| Department name | text | 20 Character |  |

**Insert the following records:**

**Department table:**

|  |  |
| --- | --- |
| Department NO | Department name |
| 1 | Dermatology |
| 2 | Dental |
| 3 | Surgery |

**Doctor table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | First name | Last name | Married | salary | Appointment date | Department NO |
| 1 | ahmad | ali | no | 8000 | 3-4-2003 | 1 |
| 2 | mohammed | fahad | Yes | 3000 | 2-1-2003 | 1 |
| 3 | ali | salem | no | 2000 | 5-8-1999 | 2 |
| 4 | majed | rashed | yes | 5000 | 8-7-2003 | 2 |

**In the Doctor table do the following:**

* sort the data Ascending based on the doctor's first name
* Use the filtering by form to show the doctors who work in Department 2
* Use the filtering by selection to show the doctors whose names are Ali

**Create relationship between( doctor, department)tables**

* Create a query to display the doctor ID ,first name ,last name for the doctors who started working in 2003.
* Create a query to display the doctor ID ,first name& last name for the doctors whose first name start with(M)and he is married.
* Create a query to show the doctor ID, first name & last name for doctor whose  name is  Mohammed or Ahmed, sort the data Ascending based on the doctor's ID.
* Create a query to find the doctors who get a salary greater than 6000 SR.
* Use the "Doctor" table to Design a form and place all the fields from the table on the form .
* Format the form : change the font color- change the background color-insert a label contains this title "Doctor" in the form header
* Use report wizard to create a report based on Doctor table

place all the fields from the table on the report and group by department number.