

King Saud University

College of Applied Studies and Community Service

Programming and Database Diploma

CT1412

2nd (1432-1433)

**Sheet (3)**

**Q: Login to SQL WKS and write SQL queries to do the following**

1. **Create the Emp\_info table based on the following table specification :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Data Type** | **Size** | **\*Constraint** |
| SSN | Varchar2 | 10 | Primary key (**define it at the column level**) |
| First\_name | Varchar2 | 15 | -- |
| Last\_name | Varchar2 | 15 | -- |
| Age | number | 2 | -- |
| City | Varchar2 | 30 | Not Null |
| State | Varchar2 | 30 | Not Null |

1. **Insert the following values to the Emp\_info table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SSN** | **First\_name** | **Last\_name** | **age** | **city** | **state** |
| 99980 | John | Jones | 45 | Payson | Arizona |
| 99982 | Mary | Jones | 25 | Payson | Arizona |
| 88232 | Eric | Edwards | 32 | San Diego | California |
| 88233 | Mary Ann | Edwards | 32 | Phoenix | Arizona |
| 98002 | Ginger | Howell | 42 | Cottonwood | Arizona |
| 92001 | Sebastian | Smith | 23 | Gila Bend | Arizona |
| 22322 | Gus | Gray | 35 | Bagdad | Arizona |
| 32326 | Mary Ann | May | 52 | Tucson | Arizona |
| 32327 | Erica | Williams | 60 | Show Low | Arizona |
| 32380 | Leroy | Brown | 22 | Pinetop | Arizona |
| 32382 | Elroy | Cleaver | 22 | Globe | Arizona |

1. **Modify the Emp\_info table based on the following scenarios:**
   1. **The employees with the SSN (**99982, 88233, 32327**) already passed their birth date. (Hint:** their ages changed**)**
   2. **The company enforces a new policy which states that *"when an employee become a 50 years old he/she must retire"* i.e. is no longer an employee in this company.**
   3. **The employee '** *Gus***' changes his address living address from "** *Bagdad, Arizona***" to " "** *San Diego****,*** *California***"**
   4. **Mr.** *'Eric'* **resigned from the company i.e. he is no longer an employee in the company.**