**SOUTHWESTERN STATE COLLEGE**

**BASUNDHARA, KATHMANDU**

**BCA Practical Examination 2080**

1. **Create a database named as Person.**

**Create a table personinformation where attributes are personid, personname, personemail, personage, personphone, country**

**Constraints are:**

* Personid as int and primary key
* Personname as not null
* Personemail as not null
* Personage should be in range of 20-30
* Personphone as bigint
* Set Default value Nepal to country
* Did as int and set foreign key

1. **Insert 5 data into table.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Personid | Personname | Personemail | Personage | Personphone | Country | Did |
| 101 | Ayush | Ayush@gmail.com | 22 | 9876 | Nepal | 5001 |
| 102 | Raj | Raj@gmail.com | 25 | 9854 | Nepal | 5002 |
| 103 | Nirjara | Nirjara@gmail.com | 27 | 4567 | Nepal | 5001 |
| 104 | Shisham | Shisham@gmail.com | 27 | 2345 | Nepal | 5002 |
| 105 | Swikriti | Swikriti@gmail.com | 23 | 7862 | Nepal | null |

1. **Create a table named as department where attributes are did, departmentname, departmentfloor.**

**Constraints**

* Did as int and primary key
* Departmentname as varchar
* Departmentfloor as varchar

|  |  |  |
| --- | --- | --- |
| Did | Departmentname | Departmentfloor |
| 5001 | DBMS | second |
| 5002 | JAVA | second |
| 5003 | Python | first |

**Solve the following questions:**

1. Count the number of persons available in the person relation.
2. List the name of the department lies in second floor.
3. Find the personid, personname, personemail, departmentname, departmentfloor from the above tables.
4. Find the personid, personame working on the second floor.
5. Find the personname woking on the department DBMS.