ASSIGNMENT

1. CREATE EMPLOYEE TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| EMPLOYEE\_ID | INT PRIMARY KEY |
| FIRSTNAME | VARCHAR(12) |
| LASTNAME | VARCHAR(12) |
| GENDER | ENUM (‘M’, ‘F’) |
| HIREDATE | DATE |

1. CREATE DEPARTMENT TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| DEPARTMENT\_ID | INT PRIMARY KEY |
| NAME | VARCHAR(20) |
| LOCATION | SET(‘VADODARA, ’SURAT’, ’ANAND’, ’RAJKOT’, ’JAMNAGAR’, ’NAVSARI’,’BHARUCH’,’VAPI’) |

1. CREATE EMPLOYEE\_DEPARTMENT TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| DEPARTMENT\_ID | INT [FOREIGN KEY(DEPARTMENT\_ID) REFERENCES DEPARTMENT(ID)] |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| FROMDATE | DATE |
| TODATE | DATE |

1. CREATE SALARY TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| FROMDATE | DATE |
| TODATE | DATE |
| SALARY | INT |

1. CREATE COMMISSION TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| FROMDATE | DATE |
| TODATE | DATE |
| COMMISSION | INT |

1. CREATE CONTACT TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| PHONENUMBER | BIGINT(12) |
| EMAILID | VARCHAR(40) |

1. CREATE ADDRESS TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| LINE1 | VARCHAR(30) |
| LINE2 | VARCHAR(30) |
| CITY | VARCHAR(20) |
| PIN | INT |

1. CREATE QUALIFICATION TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| NAME | VARCHAR(10) |
| STREAM | VARCHAR(18) |
| ADDMISSIONYEAR | DATE |
| INSTITUTE | VARCHAR(15) |
| UNIVERSITY | VARCHAR(25) |
| YEAROFPASSING | INT |
| PERCENTAGE | FLOAT(7, 2) |
| GRADE | ENUM(‘A+’, ‘A’, ‘B+’, ‘B’, ‘C+’, ‘C’) |

1. CREATE HOBBIES TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| NAME | VARCHAR(25) |

1. CREATE JOBHISTORY TABLE WITH FOLLOWING COLUMNS.

|  |  |
| --- | --- |
| FIELD NAME | DATATYPE (SIZE) |
| ID | INT PRIMARY KEY |
| EMPLOYEE\_ID | INT [FOREIGN KEY(EMPLOYEE\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)] |
| EMPLOYER | VARCHAR(20) |
| FROMDATE | DATE |
| TODATE | DATE |
| NATURE\_OF\_JOB | VARCHAR(50) |