**LOGIN :**

create table login(username varchar(25),

password varchar(25),

category varchar(25),

primary key(username));

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table** | **Column** | **Data Type** | **Length** | **Precision** | **Scale** | **Primary Key** | **Nullable** | **Default** | **Comment** |
| [LOGIN](javascript:ret_Column('SHRUTIKA.LOGIN');) | [USERNAME](javascript:ret_Column('USERNAME');) | VARCHAR2 | 25 | - | - | 1 | - | - | - |
|  | [PASSWORD](javascript:ret_Column('PASSWORD');) | VARCHAR2 | 25 | - | - | - | nullable | - | - |
|  | [CATEGORY](javascript:ret_Column('CATEGORY');) | VARCHAR2 | 25 | - | - | - | nullable | - | - |
|  |  |  |  |  |  |  |  |  |  |

insert into login values('palak','somani','student')

insert into login values('anuja','mane','student')

insert into login values('shrutika','patil','student');

insert into login values('rutuja','magdum','teacher');

insert into login values('sayali','pote','teacher');

select \* from login

|  |  |  |  |
| --- | --- | --- | --- |
| **USERNAME** | **PASSWORD** | **CATEGORY** | |
| prajkta | madnaik | teacher | |
| snehal | patil | teacher | |
| mrunal | patil | teacher | |
| palak | somani | student | |
| anuja | mane | student | |
| shrutika | patil | student | |
| rutuja | magdum | teacher | |
| sayali | pote | teacher | |
| 8 rows returned in 0.01 seconds | |  | [Download](http://127.0.0.1:8080/apex/f?p=4500:1204:472663665544405::::P1204_BROWSER_LANG:en) | |

**TEACHER :**

**THEORY-**

create table teacher(teacher\_name varchar(30),

subject varchar(20),

theory\_or\_practical varchar(30),

student\_id int,

attendance\_status varchar(20))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Table** | **Column** | **Data Type** | **Length** | **Precision** | **Scale** | **Primary Key** | **Nullable** | **Default** | **Comment** | | [TEACHER](javascript:ret_Column('SHRUTIKA.TEACHER');) | [TEACHER\_NAME](javascript:ret_Column('TEACHER_NAME');) | VARCHAR2 | 30 | - | - | - | nullable | - | - | |  | [SUBJECT](javascript:ret_Column('SUBJECT');) | VARCHAR2 | 20 | - | - | - | nullable | - | - | |  | [THEORY\_OR\_PRACTICAL](javascript:ret_Column('THEORY_OR_PRACTICAL');) | VARCHAR2 | 30 | - | - | - | nullable | - | - | |  | [STUDENT\_ID](javascript:ret_Column('STUDENT_ID');) | NUMBER | 22 | - | 0 | - | nullable | - | - | |  | [ATTENDANCE\_STATUS](javascript:ret_Column('ATTENDANCE_STATUS');) | VARCHAR2 | 20 | - | - | - | nullable | - | - | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 1 - 5 |  |  | | | | | | | | | | | |  |  |  |  | | | | | | | | | |
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**1)**

insert into teacher values('rutuja magdum','operating system','theory',1,'absent')

insert into teacher values('rutuja magdum','operating system','theory',2,'present')

insert into teacher values('rutuja magdum','operating system','theory',3,'present')

insert into teacher values('rutuja magdum','operating system','theory',4,'present')

insert into teacher values('rutuja magdum','operating system','theory',5,'present')

insert into teacher values('rutuja magdum','operating system','theory',6,'present')

insert into teacher values('rutuja magdum','operating system','theory',7,'present')

insert into teacher values('rutuja magdum','operating system','theory',8,'absent')

insert into teacher values('rutuja magdum','operating system','theory',9,'absent')

insert into teacher values('rutuja magdum','operating system','theory',10,'absent')

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| --- | --- | --- | --- | --- |
| **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** |
| rutuja magdum | operating system | theory | 7 | present |
| rutuja magdum | operating system | theory | 1 | present |
| rutuja magdum | operating system | theory | 5 | present |
| rutuja magdum | operating system | theory | 6 | present |
| rutuja magdum | operating system | theory | 8 | absent |
| rutuja magdum | operating system | theory | 9 | absent |
| rutuja magdum | operating system | theory | 10 | absent |
| rutuja magdum | operating system | theory | 2 | present |
| rutuja magdum | operating system | theory | 3 | present |
| rutuja magdum | operating system | theory | 4 | present |

**2)**

insert into teacher values('sayali pote','system programming','theory',1,'present')

insert into teacher values('sayali pote','system programming','theory',10,'present')

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** |
| sayali pote | system programming | theory | 5 | present |
| sayali pote | system programming | theory | 6 | present |
| sayali pote | system programming | theory | 7 | absent |
| sayali pote | system programming | theory | 8 | absent |
| sayali pote | system programming | theory | 9 | present |
| sayali pote | system programming | theory | 10 | present |
| sayali pote | system programming | theory | 1 | present |
| sayali pote | system programming | theory | 2 | present |
| sayali pote | system programming | theory | 3 | present |
| sayali pote | system programming | theory | 4 | present |

**3)**

insert into teacher values('prajkta madnaik','machine learning','theory',1,'present')

insert into teacher values('prajkta madnaik','machine learning','theory',10,'present')

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** |
| prajkta madnaik | machine learning | theory | 1 | Present |
| prajkta madnaik | machine learning | theory | 2 | Absent |
| prajkta madnaik | machine learning | theory | 3 | Absent |
| prajkta madnaik | machine learning | theory | 4 | Absent |
| prajkta madnaik | machine learning | theory | 8 | Present |
| prajkta madnaik | machine learning | theory | 9 | Present |
| prajkta madnaik | machine learning | theory | 10 | Present |
| prajkta madnaik | machine learning | theory | 5 | Present |
| prajkta madnaik | machine learning | theory | 6 | Present |
| prajkta madnaik | machine learning | theory | 7 | Present |

**4)**

insert into teacher values('snehal patil','database systems','theory',1,'absent')

insert into teacher values('snehal patil','database systems','theory',10,'present')

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** | | snehal patil | database systems | theory | 1 | Absent | | snehal patil | database systems | theory | 2 | Absent | | snehal patil | database systems | theory | 3 | Absent | | snehal patil | database systems | theory | 7 | Present | | snehal patil | database systems | theory | 8 | Present | | snehal patil | database systems | theory | 9 | Present | | snehal patil | database systems | theory | 4 | Present | | snehal patil | database systems | theory | 5 | Present | | snehal patil | database systems | theory | 6 | Present | | snehal patil | database systems | theory | 10 | Present | | | | | | | | | | | | |
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select \* from teacher where teacher\_name='mrunal patil'

**5)**

insert into teacher values('mrunal patil','DAA','theory',1,'absent')

insert into teacher values('mrunal patil','DAA','theory',10,'present')

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** |
| mrunal patil | DAA | theory | 1 | Absent |
| mrunal patil | DAA | theory | 2 | Absent |
| mrunal patil | DAA | theory | 4 | Absent |
| mrunal patil | DAA | theory | 5 | present |
| mrunal patil | DAA | theory | 6 | present |
| mrunal patil | DAA | theory | 7 | present |
| mrunal patil | DAA | theory | 8 | present |
| mrunal patil | DAA | theory | 9 | present |
| mrunal patil | DAA | theory | 10 | present |
| mrunal patil | DAA | theory | 3 | present |

**PRACTICAL-**

insert into teacher values(prajkta madnaik','machine learning,'practical',1,'absent')

insert into teacher values(prajkta madnaik','machine learning','practical',10,'absent')

select \* from teacher where theory\_or\_practical='practical'

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** | | prajkta madnaik | machine learning | practical | 1 | absent | | prajkta madnaik | machine learning | practical | 2 | present | | prajkta madnaik | machine learning | practical | 3 | present | | prajkta madnaik | machine learning | practical | 7 | absent | | prajkta madnaik | machine learning | practical | 8 | absent | | prajkta madnaik | machine learning | practical | 9 | absent | | prajkta madnaik | database systems | practical | 10 | present | | prajkta madnaik | machine learning | practical | 4 | present | | prajkta madnaik | machine learning | practical | 5 | present | | prajkta madnaik | machine learning | practical | 6 | absent | | 10 rows returned in 0.01 seconds |  | [Download](http://127.0.0.1:8080/apex/f?p=4500:1204:3169876366292827::::P1204_BROWSER_LANG:en) |  |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | | | | | | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |

insert into teacher values('snehal patil','database systems','practical',1,'present')

insert into teacher values('snehal patil','database systems','practical',10,'present')

select \* from teacher where teacher\_name='snehal patil'

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** | | snehal patil | database systems | practical | 1 | Absent | | snehal patil | database systems | practical | 2 | Absent | | snehal patil | database systems | practical | 3 | Absent | | snehal patil | database systems | practical | 4 | Present | | snehal patil | database systems | practical | 5 | Present | | snehal patil | database systems | practical | 8 | Present | | snehal patil | database systems | practical | 6 | Present | | snehal patil | database systems | practical | 7 | Present | | snehal patil | database systems | practical | 9 | Present | | snehal patil | database systems | practical | 10 | Present | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | |  |  |  |  | | | | | | | | | | | | |
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Whole table

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| **TEACHER\_NAME** | **SUBJECT** | **THEORY\_OR\_PRACTICAL** | **STUDENT\_ID** | **ATTENDANCE\_STATUS** |
| rutuja magdum | operating system | theory | 7 | present |
| rutuja magdum | operating system | theory | 1 | present |
| rutuja magdum | operating system | theory | 5 | present |
| rutuja magdum | operating system | theory | 6 | present |
| rutuja magdum | operating system | theory | 8 | absent |
| rutuja magdum | operating system | theory | 9 | absent |
| rutuja magdum | operating system | theory | 10 | absent |
| sayali pote | system programming | theory | 5 | present |
| sayali pote | system programming | theory | 6 | present |
| sayali pote | system programming | theory | 7 | absent |
| sayali pote | system programming | theory | 8 | absent |
| sayali pote | system programming | theory | 9 | present |
| sayali pote | system programming | theory | 10 | present |
| prajkta madnaik | machine learning | theory | 1 | present |
| prajkta madnaik | machine learning | theory | 2 | absent |
| prajkta madnaik | machine learning | theory | 3 | absent |
| prajkta madnaik | machine learning | theory | 4 | absent |
| prajkta madnaik | machine learning | theory | 8 | present |
| prajkta madnaik | machine learning | theory | 9 | present |
| prajkta madnaik | machine learning | theory | 10 | present |
| snehal patil | database systems | theory | 1 | absent |
| snehal patil | database systems | theory | 2 | absent |
| snehal patil | database systems | theory | 3 | absent |
| snehal patil | database systems | theory | 7 | present |
| snehal patil | database systems | theory | 8 | present |
| snehal patil | database systems | theory | 9 | present |
| prajkta madnaik | machine learning | practical | 1 | absent |
| prajkta madnaik | machine learning | practical | 2 | present |
| prajkta madnaik | machine learning | practical | 3 | present |
| prajkta madnaik | machine learning | practical | 7 | absent |
| prajkta madnaik | machine learning | practical | 8 | absent |
| prajkta madnaik | machine learning | practical | 9 | absent |
| snehal patil | database systems | practical | 1 | absent |
| snehal patil | database systems | practical | 2 | absent |
| snehal patil | database systems | practical | 3 | absent |
| prajkta madnaik | database systems | practical | 10 | present |
| snehal patil | database systems | practical | 4 | present |
| rutuja magdum | operating system | theory | 2 | present |
| rutuja magdum | operating system | theory | 3 | present |
| rutuja magdum | operating system | theory | 4 | present |
| sayali pote | system programming | theory | 1 | present |
| sayali pote | system programming | theory | 2 | present |
| sayali pote | system programming | theory | 3 | present |
| sayali pote | system programming | theory | 4 | present |
| prajkta madnaik | machine learning | theory | 5 | present |
| prajkta madnaik | machine learning | theory | 6 | present |
| prajkta madnaik | machine learning | theory | 7 | present |
| snehal patil | database systems | theory | 4 | present |
| snehal patil | database systems | theory | 5 | present |
| snehal patil | database systems | theory | 6 | present |
| snehal patil | database systems | theory | 10 | present |
| mrunal patil | DAA | theory | 1 | absent |
| mrunal patil | DAA | theory | 2 | absent |
| mrunal patil | DAA | theory | 4 | absent |
| mrunal patil | DAA | theory | 5 | present |
| mrunal patil | DAA | theory | 6 | present |
| mrunal patil | DAA | theory | 7 | present |
| mrunal patil | DAA | theory | 8 | present |
| mrunal patil | DAA | theory | 9 | present |
| mrunal patil | DAA | theory | 10 | present |
| mrunal patil | DAA | theory | 3 | present |
| prajkta madnaik | machine learning | practical | 4 | present |
| prajkta madnaik | machine learning | practical | 5 | present |
| snehal patil | database systems | practical | 5 | present |
| prajkta madnaik | machine learning | practical | 6 | absent |
| snehal patil | database systems | practical | 8 | present |
| snehal patil | database systems | practical | 6 | present |
| snehal patil | database systems | practical | 7 | present |
| snehal patil | database systems | practical | 9 | present |
| snehal patil | database systems | practical | 10 | present |
| 70 rows returned in 0.01 seconds |  | [Download](http://127.0.0.1:8080/apex/f?p=4500:1204:3169876366292827::::P1204_BROWSER_LANG:en) |

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