|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STUDENT | | | | | | | | |
| Sr | Name | Mobno | email\_id | Total\_fee | age | classroom\_teacher | branch | year |
| 1 | Deepak Singh | 9887787676 | [deepak123@gmail.com](mailto:deepak123@gmail.com) | 15000 | 20 | 101 | C.S. | First |
| 2 | Priya Soni | 7887767878 | [priya001@gmail.com](mailto:priya001@gmail.com) | 10000 | 23 | 101 | C.S. | First |
| 3 | Sohan Khan | NULL | [002sohan@gmail.com](mailto:002sohan@gmail.com) | 12000 | 25 | 102 | I.T. | Second |
| 4 | Rohan Kumar | 9887787876 | [981rohankr@gmail.com](mailto:981rohankr@gmail.com) | 16000 | 20 | 103 | E.C. | Second |
| 5 | Priyanka Dutt | NULL | [567865priya@gmail.com](mailto:567865priya@gmail.com) | 15000 | 18 | 101 | E.C. | Third |
| 6 | Siya Singh | 7876766765 | [singhsiya@gmail.com](mailto:singhsiya@gmail.com) | 16000 | 18 | 102 | I.T. | First |
| 7 | Akanksha Mukharjee | 6567788776 | [mukharjeeak@gmail.com](mailto:mukharjeeak@gmail.com) | 15000 | 20 | 102 | I.T. | First |

create database Techpile\_st;

use Techpile\_st;

create table student

(

SR int identity(1,1),

Name varchar(50),

Mobno bigint,

email\_id varchar(50),

Total\_fee money,

age int,

classroom\_teacher int,

branch varchar(40),

year varchar(50)

);

select \* from student;

insert into student values('Deepak Singh',9887787676,'deepak123@gmail.com',15000,20,101,'C.S','First'),

('Priya Soni',7887767878,'priya001@gmail.com',10000,23,101,'C.S','First'),

('Sohan Khan',NULL,'002sohan@gmail.com',12000,25,102,'I.T','Second'),

('Rohan Kumar',9887787876,'981rohankr@gmail.com',16000,20,103,'E.C','Second'),

('Priyanka Dutt',NULL,'567865priya@gmail.com',15000,18,101,'E.C','Third'),

('Siya Singh',7876766765,'singhsiya@gmail.com',16000,18,102,'I.T','First'),

('Akanksha Mukharjee',6567788776,'mukharjeeak@gmail.com',15000,20,102,'I.T','First');

select \* from student;

1. Select all students from C.S.

select \* from student where branch='C.S';

1. Select all student record and show branch Computer Science if branch is C.S. , Information Technology if branch is I.T. and Electronics Engineering if branch is E.C.

select \* from student where branch in('C.S','I.T','E.C');

1. Select all first year and second year students

select \* from student where year in('first','second');

1. Select all first year and second year students whose fee is greater than 15000

select \* from student where Total\_fee>15000 and year in('first','second');

1. Count total students of C.S and I.T

select count(Name)from student where branch in('C.S','I.T');

1. Add fee of all C.S students.

select sum(Total\_fee) from student where branch='C.S';

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| TEACHERS | | | | | |
| SR | Name | Mobno | emailid | Post | Experience |
| 101 | Mr. Rahul Soni | 8987767665 | [rverma@gmail.com](mailto:rverma@gmail.com) | CS Consultant | 6 |
| 102 | Mr. Ashish Maurya | NULL | [amaurya12@gmail.com](mailto:amaurya12@gmail.com) | IT Consultant | 4 |
| 103 | Mr. Vinay Pandey | NULL | [vvinay@gmail.com](mailto:vvinay@gmail.com) | Software Developer | 6 |
| 104 | Mr. Manoj Sachan | 7876787898 | [msachan@gmail.com](mailto:msachan@gmail.com) | Software Tester | 5 |
| 105 | Mr. Akash Chaurasiya | 9867788998 | [akchaurasiya@gmail.com](mailto:akchaurasiya@gmail.com) | IT Consultant | 7 |

insert into teachers values('Mr. Rahul Soni',8987767665,'rverma@gmail.com','CS Consultant',6),

('Mr.Ashish Maurya',NULL,'amaurya12@gmail.com','IT Consultant',4),

('Mr.Vinay Pandey',NULL,'vvinay@gmail.com','Software Developer',6),

('Mr.Manoj Sachan',7876787898,'msachan@gmail.com','Software Tester',5),

('Mr.Akash Chaurasiya',9867788998,'akchaurasiya@gmail.com','IT Consultant',7);

select \* from teachers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FEE\_PAYMENT | | | | |
| Sr | Userid | Amount | Mode | Date |
| 1 | [deepak123@gmail.com](mailto:deepak123@gmail.com) | 3000 | Gpay | 2022-10-23 |
| 2 | [priya001@gmail.com](mailto:priya001@gmail.com) | 5000 | Paytm | 2022-10-25 |
| 3 | [deepak123@gmail.com](mailto:deepak123@gmail.com) | 4000 | Cash | 2022-10-23 |
| 4 | [002sohan@gmail.com](mailto:002sohan@gmail.com) | 3000 | Cash | 2022-10-26 |
| 5 | [deepak123@gmail.com](mailto:deepak123@gmail.com) | 5000 | Cash | 2022-10-20 |
| 6 | [priya001@gmail.com](mailto:priya001@gmail.com) | 5000 | Gpay | 2022-10-20 |
| 7 | [981rohankr@gmail.com](mailto:981rohankr@gmail.com) | 8000 | Paytm | 2022-10-23 |
| 8 | [singhsiya@gmail.com](mailto:singhsiya@gmail.com) | 6000 | Cash | 2022-10-20 |
| 9 | [981rohankr@gmail.com](mailto:981rohankr@gmail.com) | 2000 | Cash | 2022-10-25 |
| 10 | [singhsiya@gmail.com](mailto:singhsiya@gmail.com) | 6000 | Paytm | 2022-10-26 |
| 11 | [981rohankr@gmail.com](mailto:981rohankr@gmail.com) | 6000 | Gpay | 2022-10-26 |
| 12 | [singhsiya@gmail.com](mailto:singhsiya@gmail.com) | 2000 | Cash | 2022-10-26 |

create table fee\_payment

(

Sr int identity(1,1),

Userid varchar(50),

Amount money,

mode varchar(50),

Date date

);

insert into fee\_payment values('deepak123@gmail.com',3000,'Gpay','2022-10-23'),

('priya001@gmail.com',5000,'Paytm','2022-10-25'),

('deepak123@gmail.com',4000,'Cash','2022-10-23'),

('002sohan@gmail.com',3000,'Cash','2022-10-26'),

('deepak123@gmail.com',5000,'Cash','2022-10-20'),

('priya001@gmail.com',5000,'Gpay','2022-10-20'),

('981rohankr@gmail.com',8000,'Paytm','2022-10-23'),

('singhsiya@gmail.com',6000,'Cash','2022-10-20'),

('981rohankr@gmail.com',2000,'Cash','2022-10-25'),

('singhsiya@gmail.com',6000,'Paytm','2022-10-26'),

('981rohankr@gmail.com',6000,'Gpay','2022-10-26'),

('singhsiya@gmail.com',2000,'Cash','2022-10-26');

select \* from fee\_payment;