\*\*\*\*\*USE CASES FOR BIGDATA \*\*\*\*\*

>create database studentRecords;

>create table student\_details(s\_id int not null,s\_name varchar(30) not null,s\_add varchar(30) not null,primary key(s\_id));

>desc student\_details;

>insert into student\_details values(101,’brandy’,’kalyan’);

>insert into student\_details values(102,’bembi’,’dombivali’);

>insert into student\_details values(103,’zubo’,’ghatkopar’);

>insert into student\_details values(104,’jimmy’,’thane’);

>insert into student\_details values(105,’romeo’,’vashi’);

>select \* from student\_details;

|  |  |  |
| --- | --- | --- |
| S\_id | S\_name | S\_add |
| 101 | brandy | Kalyan |
| 102 | Bembi | Dombivali |
| 103 | Zubo | Ghatkopar |
| 104 | Jimmy | Thane |
| 105 | Romeo | Vashi |

> create table student\_trans(t\_id int not null,s\_id int not null,postdate date not null,amt int not null);

>desc student\_trans;

>insert into student\_trans values(201,101,1992-11-09,88000);

>insert into student\_trans values(202,103,1993-03-09,80000);

>insert into student\_trans values(203,101,1992-10-09,85000);

>insert into student\_trans values(204,102,1989-04-07,88500);

>insert into student\_trans values(205,105,1990-06-07,88500);

>insert into student\_trans values(206,104,1989-06-07,82000);

>insert into student\_trans values(207,104,1989-06-07,70000);

>insert into student\_trans values(208,105,1991-06-09,75000);

>select \* from student\_trans;

|  |  |  |  |
| --- | --- | --- | --- |
| T\_id | S\_id | postdate | Amt |
| 201 | 101 | 1992-11-09 | 88000 |
| 202 | 103 | 1993-03-09 | 80000 |
| 203 | 101 | 1992-10-09 | 85000 |
| 204 | 102 | 1989-04-07 | 88500 |
| 205 | 105 | 1990-06-07 | 88500 |
| 206 | 104 | 1989-06-07 | 82000 |
| 207 | 104 | 1989-06-07 | 70000 |
| 208 | 105 | 1991-06-09 | 75000 |

\*\*\*\*query questions\*\*\*\*

1. select t\_id,s\_id,amt from student\_trans where amt between 80000 and 85000;

* 103 202 80000
* 101 203 85000
* 104 206 82000

1. Select s\_id,postdate,amt from student\_trans order by postdate asc;

102 /1989-04-07/88500

104/1989-06-07/82000

104/1989-06-07/70000

105/1990-06-07/88500

105/1991-06-09/75000

101/1992-10-09/85000

101/1992-11-09/88000

103/1993-03-09/80000

1. Select t\_id,s\_id,max(amt) as amount from student\_trans;

201/101/88500

1. Select sum(amt) as TotalAmount from student\_trans;

TotalAmount

657000

1. Select a.s\_id,a.s\_name,a.s\_add,b.amt from student\_details a,student\_trans b where a.s\_id=b.s\_id;

101/brandy/kalyan/88000

101/brandy/kalyan/85000

102/bembi/dombivali/88500

103/zubo/ghatkopar/80000

104/jimmy/thane/82000

104/jimmy/thane/70000

105/romeo/vashi/88500

105/romeo/vashi/75000

1. Select t\_id,round(amt) as RoundAmt from student\_trans;

>201/88000

202/80000

203/85000

204/88500

205/88500

206/82000

207/70000

208/75000