

-- question 1st

Create Database student1;

use student1;

```
Create table tblparent1(  
parent_id int,  
parents_name char(255),  
city char(255),  
age char(255),  
annual_income int,  
occupation char(255),  
email_id char(255)  
);
```

insert into tblparent1 values

```
(001,'avnish','Delhi',33,200000,'software engg','xyz@gmail.com'),  
(002,'arun','rajasthan',30,100000,'software engg','xyz@gmail.com'),  
(003,'vikas','asaam',30,300000,'software engg','xyz@gmail.com'),  
(004,'vinod','madhya pardesh',30,400000,'software engg','xyz@gmail.com'),  
(005,'ravi','up',30,500000,'software engg','xyz@gmail.com'),  
(006,'shyam','punjab',30,2100000,'software engg','xyz@gmail.com'),  
(007,'ram','pune',30,800000,'software engg','xyz@gmail.com'),  
(008,'avinash','mumbai',50,900000,'software engg','xyz@gmail.com'),  
(010,'deepak','Ahmedabad',35,600000,'software engg','xyz@gmail.com'),  
(011,'ajay','chennai',30,700000,'software engg','xyz@gmail.com'),
```

```

(012,'sharan','Banglore',40,1100000,'software engg','xyz@gmail.com'),
(013,'shubho','sikkim',30,1200000,'software engg','xyz@gmail.com'),
(014,'sahu','haryana',30,1300000,'software engg','xyz@gmail.com'),
(015,'bhavan','mizoram',30,1400000,'software engg','xyz@gmail.com'),
(016,'pratush','lucknow',30,1500000,'software engg','xyz@gmail.com'),
(017,'piyush','bihar',30,5600000,'software engg','xyz@gmail.com'),
(018,'shivani','himachal',30,4300000,'software engg','xyz@gmail.com'),
(019,'bablu','orissa',30,5400000,'software engg','xyz@gmail.com'),
(020,'kishor','haryana',30,2300000,'software engg','xyz@gmail.com');

```

Select * From tblparent1;





Result Grid							
Filter Rows: <input type="text"/>							
Export: <input type="button" value=""/>							
Wrap Cell Content: <input type="button" value=""/>							
	parent_id	parents_name	city	age	annual_income	occupation	email_id
▶	1	avnish	Delhi	33	200000	software engg	NA
	2	arun	rajasthan	30	100000	software engg	NA
	3	vikas	asaam	30	300000	software engg	NA
	4	vinod	madhya pardesh	30	400000	software engg	NA
	5	ravi	up	30	500000	software engg	NA
	6	shyam	punjab	30	2100000	software engg	NA
	7	ram	pune	30	800000	software engg	NA
	8	avinash	mumbai	50	900000	software engg	NA
	10	deepak	Ahmedabad	35	600000	software engg	NA
	11	ajay	chennai	30	700000	software engg	NA
	12	sharan	Banglore	40	1100000	software engg	NA
	13	shubho	sikkim	30	1200000	software engg	NA
	14	sahu	haryana	30	1300000	software engg	NA
	15	bhavan	mizoram	30	1400000	software engg	NA
	16	pratush	lucknow	30	1500000	software engg	NA
	17	piyush	bihar	30	5600000	software engg	NA
	18	shivani	himachal	30	4300000	software engg	NA
	19	bablu	orissa	30	5400000	software engg	NA
	20	kishor	haryana	30	2300000	software engg	NA

-- question 2nd

```
set SQL_SAFE_UPDATES =0;
```

```
update tblparent1 set email_id ='NA';
```

```
SELECT* FROM tblparent1;
```

Result Grid		 Filter Rows:	<input type="text"/>	Export:		Wrap Cell Content:	
	parent_id	parents_name	city	age	annual_income	occupation	email_id
	1	avnish	Delhi	33	200000	software engg	NA
	2	arun	rajasthan	30	100000	software engg	NA
	3	vikas	asaam	30	300000	software engg	NA
	4	vinod	madhya pardesh	30	400000	software engg	NA
	5	ravi	up	30	500000	software engg	NA
	6	shyam	punjab	30	2100000	software engg	NA
	7	ram	pune	30	800000	software engg	NA
	8	avinash	mumbai	50	900000	software engg	NA
	10	deepak	Ahmedabad	35	600000	software engg	NA
	11	ajay	chennai	30	700000	software engg	NA
	12	sharan	Banglore	40	1100000	software engg	NA
	13	shubho	sikkim	30	1200000	software engg	NA
	14	sahu	haryana	30	1300000	software engg	NA
		15	bhavan	mizoram	30	1400000	software engg
	16	pratush	lucknow	30	1500000	software engg	NA
	17	piyush	bihar	30	5600000	software engg	NA
	18	shivani	himachal	30	4300000	software engg	NA
	19	bablu	orissa	30	5400000	software engg	NA
	20	kishor	haryana	30	2300000	software engg	NA

-- question 3rd

```
select count(parent_id) from tblparent1 where annual_income>600000;
```

The screenshot shows a SQL IDE interface. At the top, there is a toolbar with a back arrow, a 'Result Grid' tab, a grid icon, a 'Filter Rows' button with a funnel icon, a search input field, an 'Export' button with a document icon, and a 'Wrap Cell Content' button with a text icon. Below the toolbar, the query 'count(parent_id)' is entered in the top bar. The 'Result Grid' displays a single row with the value 13.

	count(parent_id)
▶	13

-- question 4th

select* from tblparent1 where city in ('Ahmedabad','Delhi','Mumbai','Chennai','Banglore');

parent_id	parents_name	city	age	annual_income	occupation	email_id
1	avnish	Delhi	33	200000	software engg	xyz@gmail.com
8	avinash	mumbai	50	900000	software engg	xyz@gmail.com
10	deepak	Ahmedabad	35	600000	software engg	xyz@gmail.com
11	ajay	chennai	30	700000	software engg	xyz@gmail.com
12	sharan	Banglore	40	1100000	software engg	xyz@gmail.com

-- question 5th

Select* from tblparent1 where annual_income<500000 or age > 45;

parent_id	parents_name	city	age	annual_income	occupation	email_id
1	avnish	Delhi	33	200000	software engg	NA
2	arun	rajasthan	30	100000	software engg	NA
3	vikas	asaam	30	300000	software engg	NA
4	vinod	madhya pardesh	30	400000	software engg	NA
8	avinash	mumbai	50	900000	software engg	NA