

**Name- hitesh ankodia**

## **DBMS ASSIGNMENT 6**

### **Student table-**

```
create table student(  
id int(11), name varchar(12), class int(11), age int(11)  
);
```

```
insert into student(id, name, class, age)values(1, "hitesh", 10, 17);
```

```
insert into student(id, name, class, age)values(2, "harsh", 9, 17);
```

```
insert into student(id, name, class, age)values(3, "hussain", 8, 15);
```

```
insert into student(id, name, class, age)values(4, "rahul", 11, 12);
```

```
insert into student(id, name, class, age)values(5, "rohan", 12, 18);
```

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main.sql

```
1 create table student(  
2 id int(11), name varchar(12), class int(11), age int(11)  
3 );  
4  
5 insert into student(id, name, class, age) values(1, "hitesh", 10, 17);  
6 insert into student(id, name, class, age) values(2, "harsh", 9, 17);  
7 insert into student(id, name, class, age) values(3, "hussain", 8, 15);  
8 insert into student(id, name, class, age) values(4, "rahul", 11, 12);  
9 insert into student(id, name, class, age) values(5, "rohan", 12, 18);  
10  
11 select * from student;  
12
```

input

```
1|hitesh|10|17  
2|harsh|9|17  
3|hussain|8|15  
4|rahul|11|12  
5|rohan|12|18
```

...Program finished with exit code 0  
Press ENTER to exit console.

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https://www.onlinegdb.com/online\_c\_compiler#tab-stdin

## Between operation –

select \* from student

where age between 12 and 15;

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main.sql

```
1 create table student(  
2 id int(11), name varchar(12), class int(11), age int(11)  
3 );  
4  
5 insert into student(id, name, class, age) values(1, "hitesh", 10, 17);  
6 insert into student(id, name, class, age) values(2, "harsh", 9, 17);  
7 insert into student(id, name, class, age) values(3, "hussain", 8, 15);  
8 insert into student(id, name, class, age) values(4, "rahul", 11, 12);  
9 insert into student(id, name, class, age) values(5, "rohan", 12, 18);  
10  
11 select * from student  
12 where age between 12 and 15;  
13
```

input

```
3|hussain|8|15  
4|rahul|11|12
```

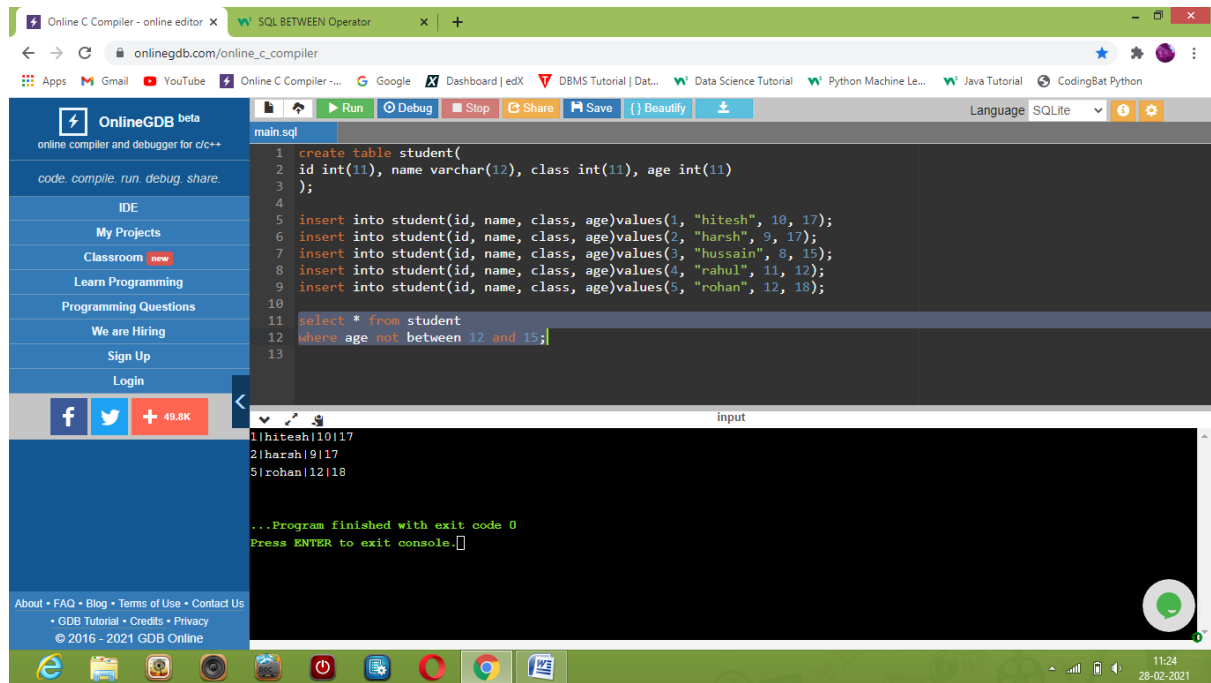
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## Not between-

select \* from student

where age not between 12 and 15;



The screenshot shows the OnlineGDB beta web interface. The browser address bar displays 'onlinegdb.com/online\_c\_compiler'. The left sidebar contains navigation links: IDE, My Projects, Classroom (marked 'new'), Learn Programming, Programming Questions, We are Hiring, Sign Up, and Login. Below these are social media icons for Facebook, Twitter, and a '+ 49.8K' button. The main editor area is titled 'main.sql' and contains the following SQL code:

```
1 create table student(  
2 id int(11), name varchar(12), class int(11), age int(11)  
3 );  
4  
5 insert into student(id, name, class, age)values(1, "hitesh", 10, 17);  
6 insert into student(id, name, class, age)values(2, "harsh", 9, 17);  
7 insert into student(id, name, class, age)values(3, "hussain", 8, 15);  
8 insert into student(id, name, class, age)values(4, "rahul", 11, 12);  
9 insert into student(id, name, class, age)values(5, "rohan", 12, 18);  
10  
11 select * from student  
12 where age not between 12 and 15;  
13
```

The execution results are displayed in the 'input' section below the code editor:

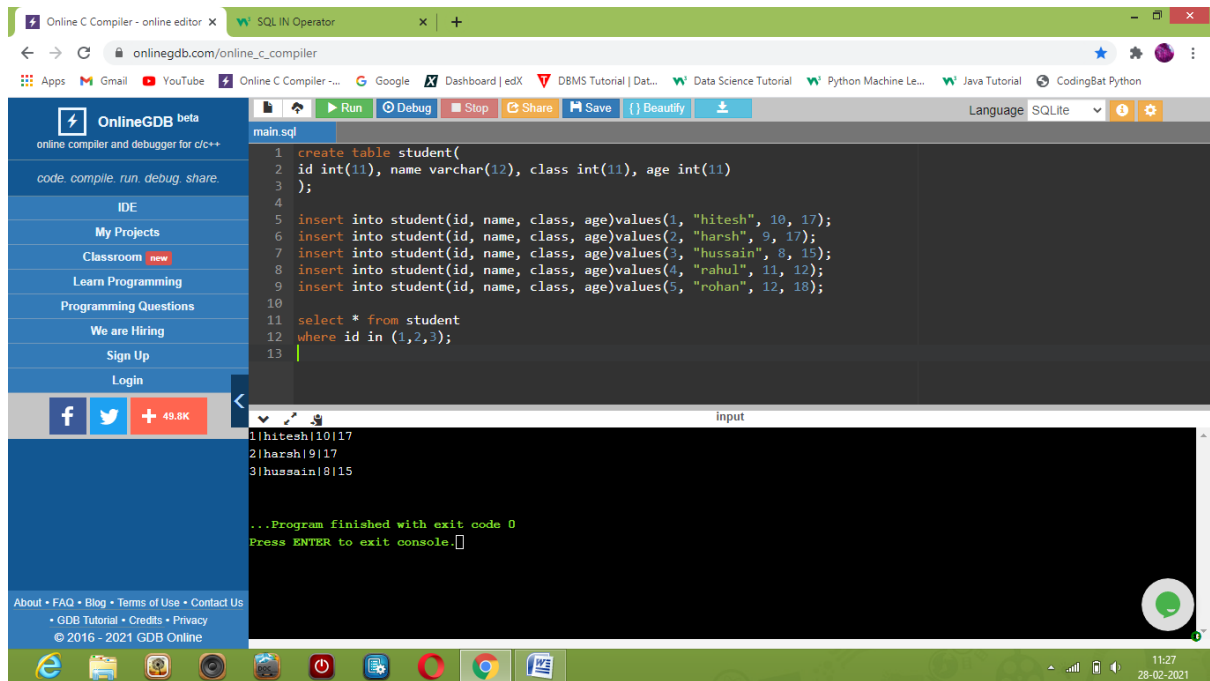
```
1|hitesh|10|17  
2|harsh|9|17  
5|rohan|12|18  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```

The bottom of the interface shows a Windows taskbar with various application icons and a system clock indicating 11:24 on 28-02-2021.

## In operation-

select \* from student

where id in (1,2,3);



Not in-

select \* from student

where id not in (1,2,3);

