

QUESTIONS-

10.1 Join table PEOPLE and ADDRESS, but keep only one address information for each person (we don't mind which record we take for each person). i.e., the joined table should have the same number of rows as table PEOPLE

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10.2 Join table PEOPLE and ADDRESS, but ONLY keep the LATEST address information for each person. i.e., the joined table should have the same number of rows as table PEOPLE

The screenshot shows a SQL query editor with a toolbar at the top. The query is as follows:

```
1 • SELECT * FROM PEOPLE LEFT JOIN(SELECT id, address, Max(updatedate)
2 FROM ADDRESS GROUP BY id) AS TEMP ON PEOPLE.id = TEMP.id;
```

Below the query editor is the 'Result Grid' section. It includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox. The result grid displays the following data:

	id	name	id	address	Max(updatedate)
▶	1	A	1	address-1-1	2016-09-02
	2	B	2	address-2-1	2015-11-01
	3	C	3	address-3-1	2016-12-01
	4	D	4	address-4-1	2015-04-27
	22	E	22	address-5-1	2014-05-13
	24	F	24	address-6-1	2014-09-14
	26	G	26	address-7-1	2014-11-21

10.3 Join table PEOPLE and ADDRESS, but ONLY keep the EARLIEST address information for each person. i.e., the joined table should have the same number of rows as table PEOPLE

SQL Query Editor

```

1 • SELECT * FROM PEOPLE LEFT JOIN(SELECT id, address, Min(updatedate)
2   FROM ADDRESS GROUP BY id) AS TEMP ON PEOPLE.id = TEMP.id;

```

Result Grid

	id	name	id	address	Min(updatedate)
▶	1	A	1	address-1-1	2016-01-01
	2	B	2	address-2-1	2015-11-01
	3	C	3	address-3-1	2014-09-11
	4	D	4	address-4-1	2010-05-21
	22	E	22	address-5-1	2014-05-13
	24	F	24	address-6-1	2014-09-14
	26	G	26	address-7-1	2014-11-21

10.4 Provide the details of the people whose ID lies in the list (22, 24, 26, 31).

SQL Query Editor

```

1 • select * from people join address on People.id = Address.id where People.id in (22,24,26,31);
2

```

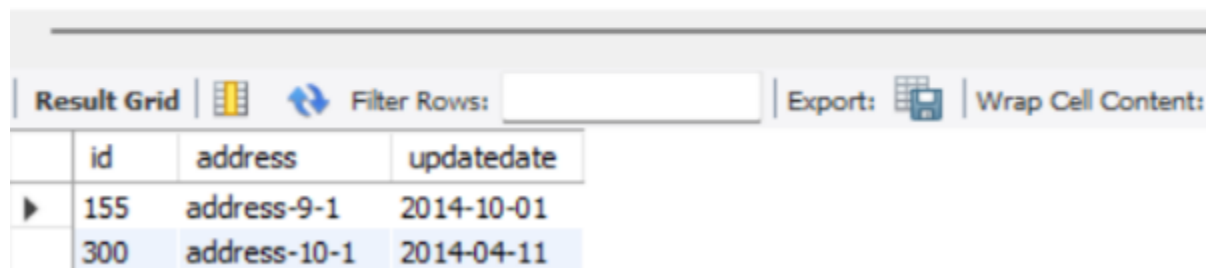
Result Grid

	id	name	id	address	updatedate
▶	22	E	22	address-5-1	2014-05-13
	24	F	24	address-6-1	2014-09-14
	26	G	26	address-7-1	2014-11-21
	31	H	31	address-8-1	2014-10-11

10.5 Provide the details of the addresses whose ID lies in the range of (154, 345).



1 • `select * from address where id between 154 and 345;`



Result Grid | Filter Rows: | Export: | Wrap Cell Content:

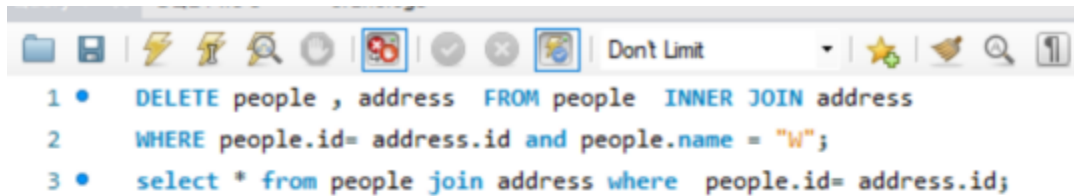
	id	address	updatedate
▶	155	address-9-1	2014-10-01
	300	address-10-1	2014-04-11

10.6 Update the Name of Person “P” with “Q” in the PEOPLE’s Table.

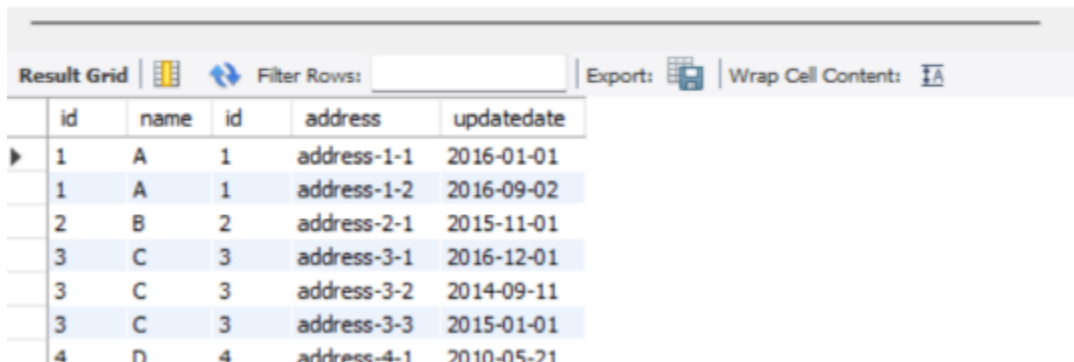


1 `update people set name = "Q" where name = "P";`
2

10.7 Drop the details of the Person “W”.

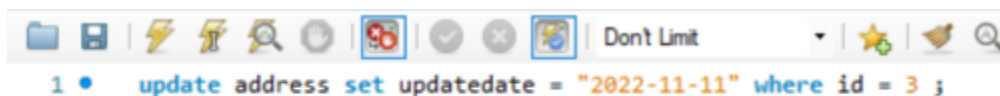


```
1 • DELETE people , address FROM people INNER JOIN address
2   WHERE people.id= address.id and people.name = "W";
3 • select * from people join address where people.id= address.id;
```



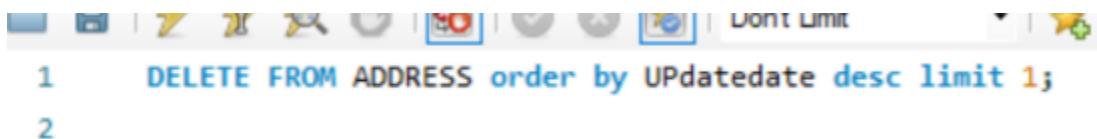
	id	name	id	address	updatedate
▶	1	A	1	address-1-1	2016-01-01
	1	A	1	address-1-2	2016-09-02
	2	B	2	address-2-1	2015-11-01
	3	C	3	address-3-1	2016-12-01
	3	C	3	address-3-2	2014-09-11
	3	C	3	address-3-3	2015-01-01
	4	D	4	address-4-1	2010-05-21

10.8 Update the Date of Address of any record of your choice.



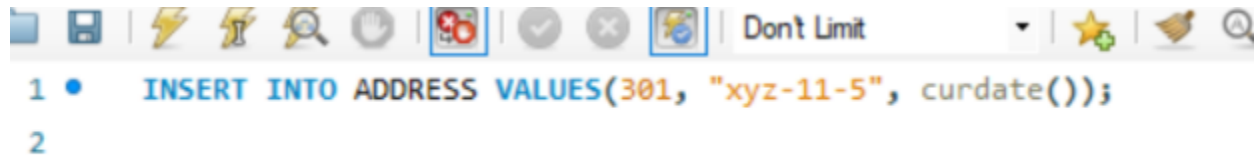
```
1 • update address set updatedate = "2022-11-11" where id = 3 ;
```

10.9 Delete the Record of the address which occurs at the latest date.



```
1   DELETE FROM ADDRESS order by UPdatedate desc limit 1;
2
```

10.10 Insert a record in the ADDRESS table having ADDRESS of your choice and assign the update date as today's date.



The image shows a toolbar with various icons for file operations, execution, and search. Below the toolbar, a single line of SQL code is displayed in a monospaced font. The code is: `1 • INSERT INTO ADDRESS VALUES(301, "xyz-11-5", curdate());`