

**ADBMS-LAB**  
**Assignment-14-06-21**

**Submitted to**

Merin Miss

**Submitted By**

Amal Vijayan

Roll No.10

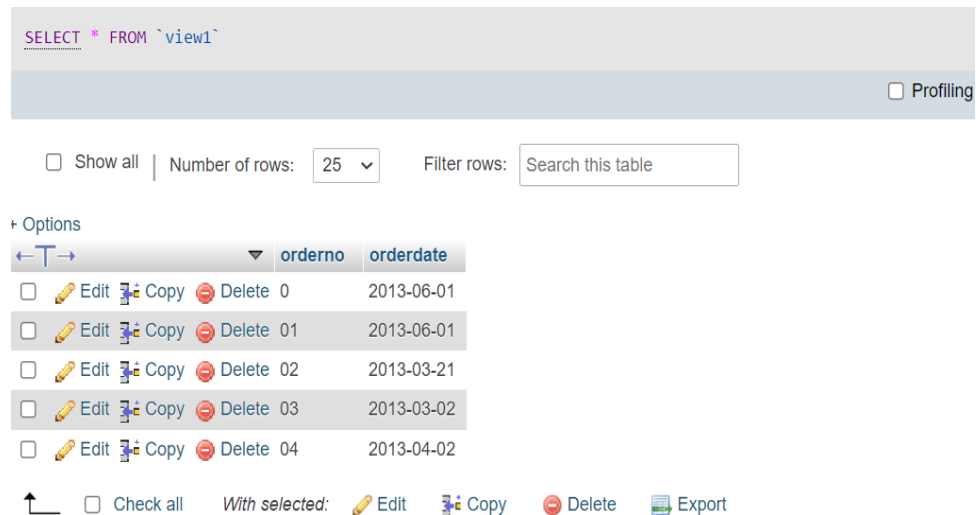
S2MCA A

1.Create a view view1 from salesorder with (order number,order date).

Query:

```
CREATE VIEW view1 AS SELECT `orderno`,`orderdate` FROM salesorder;
```

Output:



SELECT \* FROM `view1`

☐ Profiling

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	orderno	orderdate
<input type="checkbox"/> Edit Copy Delete	0	2013-06-01
<input type="checkbox"/> Edit Copy Delete	01	2013-06-01
<input type="checkbox"/> Edit Copy Delete	02	2013-03-21
<input type="checkbox"/> Edit Copy Delete	03	2013-03-02
<input type="checkbox"/> Edit Copy Delete	04	2013-04-02

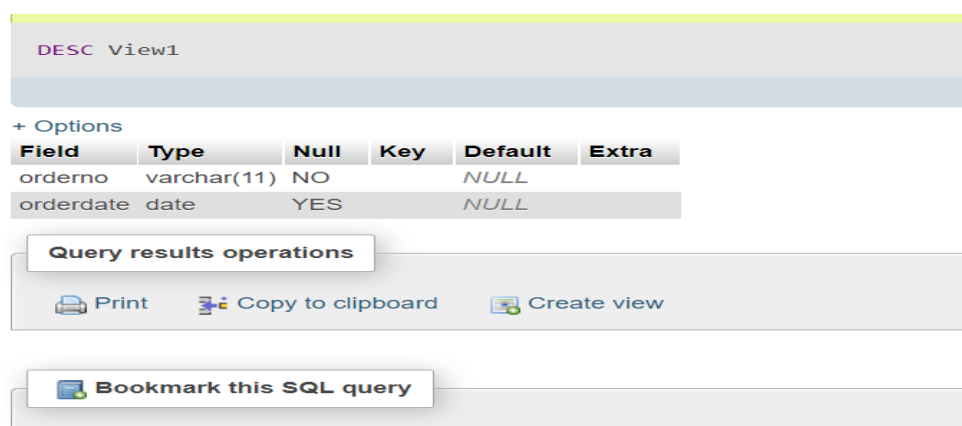
↑ ☐ Check all With selected: Edit Copy Delete Export

2.Describe the view view1.

Query:

```
DESC View1;
```

Output:



DESC View1

+ Options

Field	Type	Null	Key	Default	Extra
orderno	varchar(11)	NO		NULL	
orderdate	date	YES		NULL	

Query results operations

Print Copy to clipboard Create view

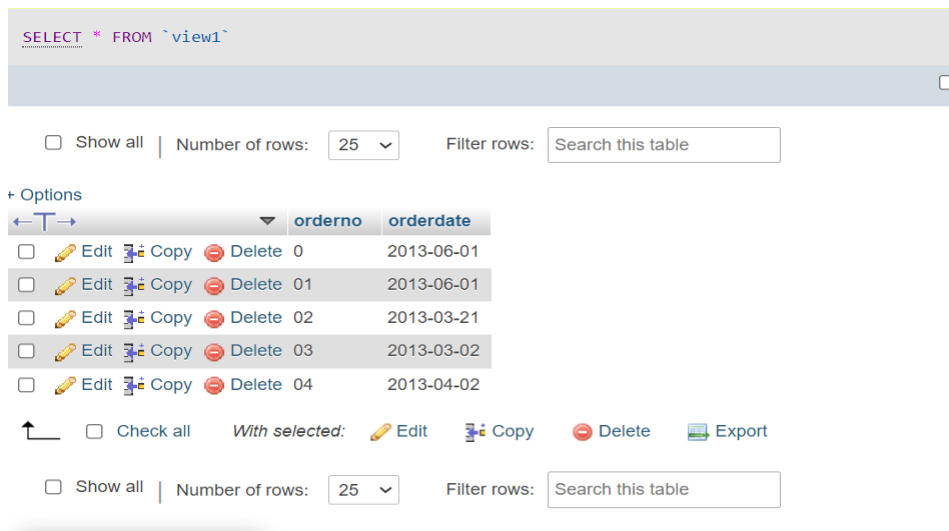
Bookmark this SQL query

### 3.Display Values of view1.

Query:

```
SELECT * FROM View1;
```

Output:



SELECT \* FROM `view1`

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	orderno	orderdate
<input type="checkbox"/> Edit Copy Delete	0	2013-06-01
<input type="checkbox"/> Edit Copy Delete	01	2013-06-01
<input type="checkbox"/> Edit Copy Delete	02	2013-03-21
<input type="checkbox"/> Edit Copy Delete	03	2013-03-02
<input type="checkbox"/> Edit Copy Delete	04	2013-04-02

↑ ☐ Check all With selected: Edit Copy Delete Export

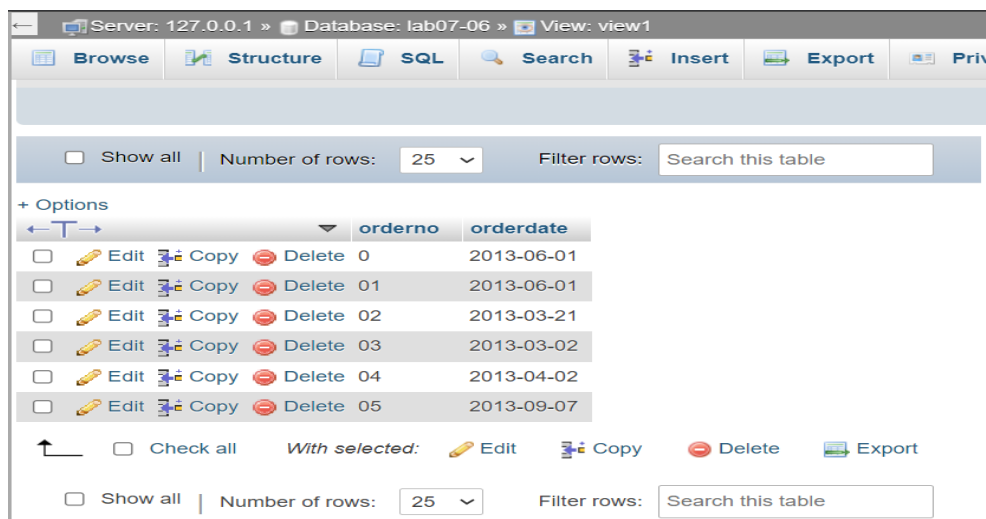
☐ Show all | Number of rows: 25 | Filter rows: Search this table

### 4.Insert one row of data in view1 and observe the output/error message.

Query:

```
INSERT INTO `view1`(`orderno`, `orderdate`) VALUES ('05','2013-09-07');
```

Output:



Server: 127.0.0.1 » Database: lab07-06 » View: view1

Browse Structure SQL Search Insert Export Priv

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	orderno	orderdate
<input type="checkbox"/> Edit Copy Delete	0	2013-06-01
<input type="checkbox"/> Edit Copy Delete	01	2013-06-01
<input type="checkbox"/> Edit Copy Delete	02	2013-03-21
<input type="checkbox"/> Edit Copy Delete	03	2013-03-02
<input type="checkbox"/> Edit Copy Delete	04	2013-04-02
<input type="checkbox"/> Edit Copy Delete	05	2013-09-07

↑ ☐ Check all With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

### 5.Create a view view2 from clientmaster (clientno,cname).

Query:

```
CREATE VIEW View2 AS SELECT `clientno`,`cname` FROM clientmaster;
```

Output:

SELECT \* FROM `view2`

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

				clientno	cname
<input type="checkbox"/>	Edit	Copy	Delete	101	Senchu
<input type="checkbox"/>	Edit	Copy	Delete	102	Sobin
<input type="checkbox"/>	Edit	Copy	Delete	103	Sajan
<input type="checkbox"/>	Edit	Copy	Delete	104	Siju
<input type="checkbox"/>	Edit	Copy	Delete	105	George

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table

6.Insert one row of data in view2 and observe the output/error message.

Query:

```
INSERT INTO `view2`(`clientno`, `cname`) VALUES ('106','Aloschy');
```

Output:

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

				clientno	cname
<input type="checkbox"/>	Edit	Copy	Delete	101	Senchu
<input type="checkbox"/>	Edit	Copy	Delete	102	Sobin
<input type="checkbox"/>	Edit	Copy	Delete	103	Sajan
<input type="checkbox"/>	Edit	Copy	Delete	104	Siju
<input type="checkbox"/>	Edit	Copy	Delete	105	George
<input type="checkbox"/>	Edit	Copy	Delete	106	Aloschy

7.Create a view view3 from salesmaster with all columns with condition 'city=mumbai'.

Query:

```
CREATE VIEW View3 AS SELECT salesmanno,sname,city FROM salesmaster WHERE  
city="Mumbai";
```

Output:

SELECT \* FROM `view3` WHERE 1

---

☐ Show all | Number of rows:  Filter rows:

+ Options

		salesmanno	sname	city
<input type="checkbox"/>	Edit Copy Delete	1	Biju	Mumbai
<input type="checkbox"/>	Edit Copy Delete	2	Amith	Mumbai

☒ Check all    With selected: Edit Copy Delete Export

☐ Show all | Number of rows:  Filter rows:

8. Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city).

Query:

Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city);

Output:

>>

☐ Show all

Number of rows:

25

Filter rows:

Search this table

Options

T

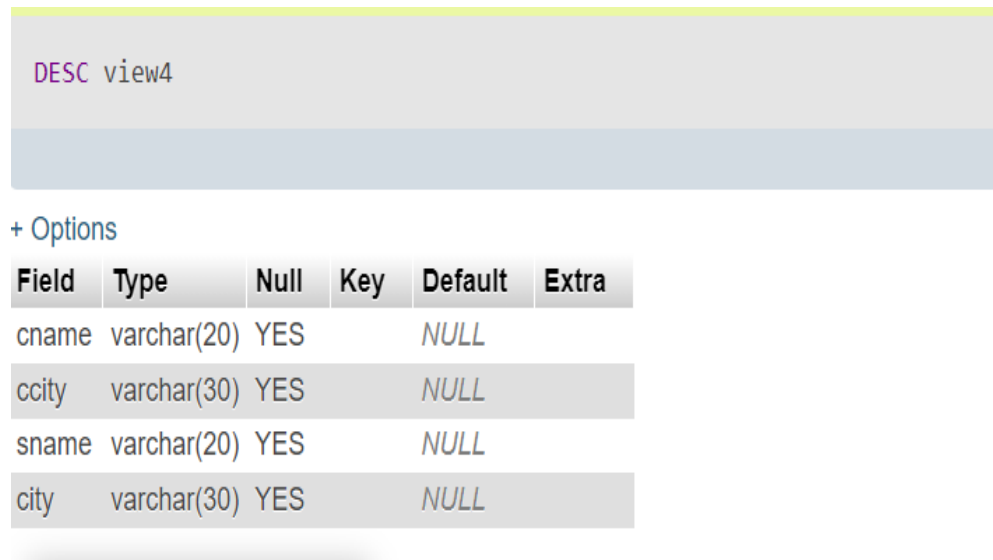
	cname	ccity	sname	city
<input type="checkbox"/>	Edit	Copy	Delete	Senchu Kannur Biju Mumbai
<input type="checkbox"/>	Edit	Copy	Delete	Senchu Kannur Amith Mumbai
<input type="checkbox"/>	Edit	Copy	Delete	Senchu Kannur Sreelal Kannur
<input type="checkbox"/>	Edit	Copy	Delete	Senchu Kannur Anoop Thrissur
<input type="checkbox"/>	Edit	Copy	Delete	Senchu Kannur Goutham Pala
<input type="checkbox"/>	Edit	Copy	Delete	Sobin Kannur Biju Mumbai
<input type="checkbox"/>	Edit	Copy	Delete	Sobin Kannur Amith Mumbai
<input type="checkbox"/>	Edit	Copy	Delete	Sobin Kannur Sreelal Kannur
<input type="checkbox"/>	Edit	Copy	Delete	Sobin Kannur Anoop Thrissur
<input type="checkbox"/>	Edit	Copy	Delete	Sobin Kannur Goutham Pala

9.Describe view4.

Query:

```
DESC view4;
```

Output:



```
DESC view4
```

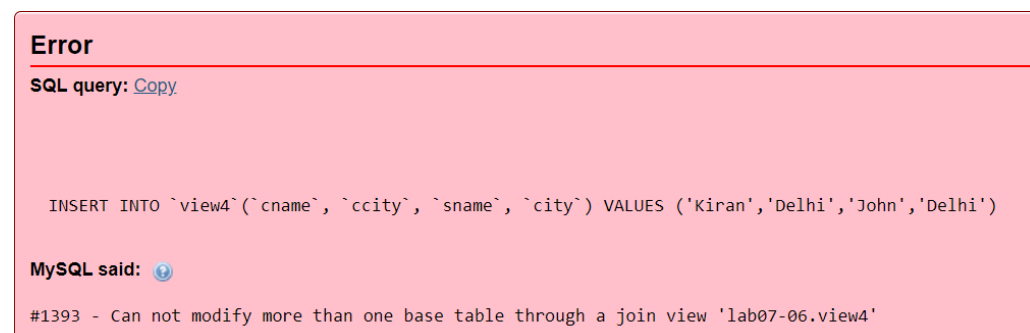
Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
ccity	varchar(30)	YES		NULL	
sname	varchar(20)	YES		NULL	
city	varchar(30)	YES		NULL	

10.Insert one row of data in view4 and observe the output/error message.

Query:

```
INSERT INTO `view4`(`cname`, `ccity`, `sname`, `city`) VALUES ('Kiran','Delhi','John','Delhi');
```


Output:



**Error**

SQL query: [Copy](#)

```
INSERT INTO `view4`(`cname`, `ccity`, `sname`, `city`) VALUES ('Kiran','Delhi','John','Delhi')
```

**MySQL said:** 

#1393 - Can not modify more than one base table through a join view 'lab07-06.view4'

11.Create a view view5 from view4(cname,sname).

Query:

```
CREATE VIEW View5 AS SELECT cname,sname FROM view4;
```

Output:

```
SELECT * FROM `view5` WHERE 1
```

> >> ☐ Show all | Number of rows: 25 Filter rows:

+ Options

				cname	sname
<input type="checkbox"/>	Edit	Copy	Delete	Senchu	Biju
<input type="checkbox"/>	Edit	Copy	Delete	Senchu	Amith
<input type="checkbox"/>	Edit	Copy	Delete	Senchu	Sreelal
<input type="checkbox"/>	Edit	Copy	Delete	Senchu	Anoop
<input type="checkbox"/>	Edit	Copy	Delete	Senchu	Goutham
<input type="checkbox"/>	Edit	Copy	Delete	Sobin	Biju
<input type="checkbox"/>	Edit	Copy	Delete	Sobin	Amith
<input type="checkbox"/>	Edit	Copy	Delete	Sobin	Sreelal
<input type="checkbox"/>	Edit	Copy	Delete	Sobin	Anoop
<input type="checkbox"/>	Edit	Copy	Delete	Sobin	Goutham
<input type="checkbox"/>	Edit	Copy	Delete	Sajan	Biju
<input type="checkbox"/>	Edit	Copy	Delete	Sajan	Amith

12.Describe view5.

Query:

```
DESC view5;
```

Output:

```
DESC view5
```

+ Options

Field	Type	Null	Key	Default	Extra
cname	varchar(20)	YES		NULL	
sname	varchar(20)	YES		NULL	

Query results operations

Print Copy to clipboard Create view

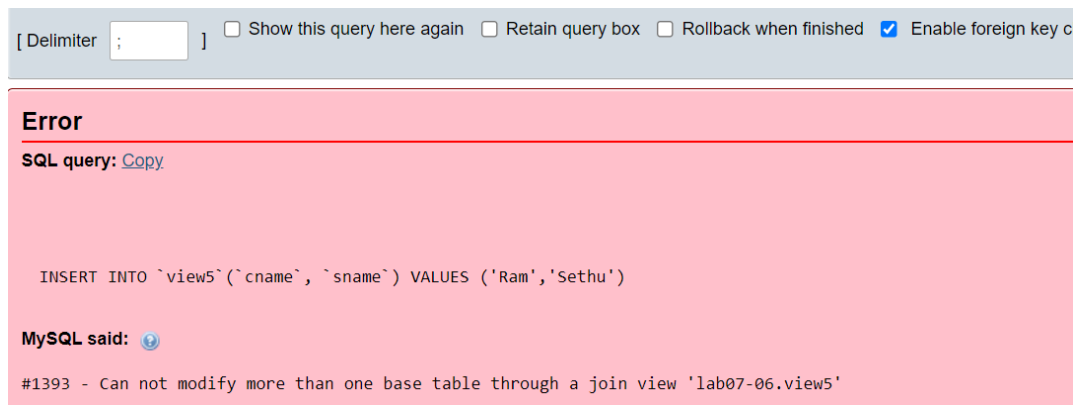
Bookmark this SQL query

13.Insert one row of data in view5 and observe the output/error message.

Query:

```
INSERT INTO `view5`(`cname`, `sname`) VALUES ('Ram','Sethu');
```

Output:



14.Delete the view4 table.

Query:

```
DROP VIEW View4;
```

15.Delete the view5 table.

Query:

```
DROP VIEW View5;
```



16.

Query:

```
CREATE VIEW employees_vu AS SELECT EMPLOYEE_ID, FIRST_NAME, DEPARTMENT_ID FROM employees;
```

Output:

```
SELECT * FROM `employees_vu` WHERE 1
```

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

		EMPLOYEE_ID	FIRST_NAME	DEPARTMENT_ID
<input type="checkbox"/>	Edit  Copy  Delete	100	Steven	90
<input type="checkbox"/>	Edit  Copy  Delete	101	Neena	90
<input type="checkbox"/>	Edit  Copy  Delete	102	Lex	90
<input type="checkbox"/>	Edit  Copy  Delete	103	Alexander	60
<input type="checkbox"/>	Edit  Copy  Delete	104	Bruce	60
<input type="checkbox"/>	Edit  Copy  Delete	107	Diana	60
<input type="checkbox"/>	Edit  Copy  Delete	124	Kevin	50
<input type="checkbox"/>	Edit  Copy  Delete	141	Trenna	50
<input type="checkbox"/>	Edit  Copy  Delete	142	Curtis	50
<input type="checkbox"/>	Edit  Copy  Delete	143	Randall	50
<input type="checkbox"/>	Edit  Copy  Delete	144	Peter	50
<input type="checkbox"/>	Edit  Copy  Delete	149	Eleni	80
<input type="checkbox"/>	Edit  Copy  Delete	174	Ellen	80
<input type="checkbox"/>	Edit  Copy  Delete	176	Jonathon	80
<input type="checkbox"/>	Edit  Copy  Delete	178	Kimberely	80

Console

17.

Query:

```
DESC employees_vu;
```

Output:

Your SQL query has been executed successfully.

```
DESC employees_vu
```

+ Options

Field	Type	Null	Key	Default	Extra
EMPLOYEE_ID	int(11)	NO		NULL	
FIRST_NAME	varchar(20)	YES		NULL	
DEPARTMENT_ID	int(11)	YES		NULL	

Query results operations



Print



Copy to clipboard



Create view



Bookmark this SQL query

18.

Query:

```
SELECT FIRST_NAME,DEPARTMENT_ID FROM employees_vu;
```

Output:

✓ Showing rows 0 - 19 (20 total, Query took 0.0010 seconds.)

```
SELECT FIRST_NAME,DEPARTMENT_ID FROM employees_vu
```

☐ Show all

Number of rows:

25 ▼

Filter rows:

Search this table

+ Options

FIRST_NAME	DEPARTMENT_ID
Steven	90
Neena	90
Lex	90
Alexander	60
Bruce	60
Diana	60
Kevin	50
Trenna	50
Curtis	50
Randall	50
Peter	50
Eleni	80
Ellen	80
Jonathon	80
Kimberely	NULL
Jennifer	10
Michael	20

19.

Query:

```
create view dept50 AS SELECT
```

```
EMPLOYEE_ID, LAST_NAME, DEPARTMENT_ID FROM employees;
```

Output:








































```
SELECT * FROM `dept50`
```

☐ Show all

Number of rows: 25

Filter rows:

Options

			EMPLOYEE_ID	LAST_NAME	DEPARTMENT_ID
<input type="checkbox"/>		Edit		Copy	 Delete
			100	King	90
<input type="checkbox"/>		Edit		Copy	 Delete
			101	Kochhar	90
<input type="checkbox"/>		Edit		Copy	 Delete
			102	De Haan	90
<input type="checkbox"/>		Edit		Copy	 Delete
			103	Hunold	60
<input type="checkbox"/>		Edit		Copy	 Delete
			104	Ernst	60
<input type="checkbox"/>		Edit		Copy	 Delete
			107	Lorentz	60
<input type="checkbox"/>		Edit		Copy	 Delete
			124	Mourgos	50
<input type="checkbox"/>		Edit		Copy	 Delete
			141	Rajs	50
<input type="checkbox"/>		Edit		Copy	 Delete
			142	Davies	50
<input type="checkbox"/>		Edit		Copy	 Delete
			143	Matos	50
<input type="checkbox"/>		Edit		Copy	 Delete
			144	Vargas	50
<input type="checkbox"/>		Edit		Copy	 Delete
			149	Zlotkey	80
<input type="checkbox"/>		Edit		Copy	 Delete
			174	Abel	80
<input type="checkbox"/>		Edit		Copy	 Delete
			176	Taylor	80
<input type="checkbox"/>		Edit		Copy	 Delete
			178	Grant	NULL

20.

Query:

```
UPDATE `dept50` SET LAST_NAME = "Ruin" WHERE EMPLOYEE_ID = "101";
```

Output:

✓ Showing rows 0 - 19 (20 total, Query took 0.0010 seconds.)

```
SELECT * FROM `dept50` WHERE 1
```

☐ Show all | Number of rows: 25 ▾ Filter rows:

+ Options

				EMPLOYEE_ID	LAST_NAME	DEPARTMENT_ID
<input type="checkbox"/>	 Edit	 Copy	 Delete	100	King	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	101	Ruin	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	102	De Haan	90
<input type="checkbox"/>	 Edit	 Copy	 Delete	103	Hunold	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	104	Ernst	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	107	Lorentz	60
<input type="checkbox"/>	 Edit	 Copy	 Delete	124	Mourgos	50
<input type="checkbox"/>	 Edit	 Copy	 Delete	141	Rajs	50
<input type="checkbox"/>	 Edit	 Copy	 Delete	142	Davies	50
<input type="checkbox"/>	 Edit	 Copy	 Delete	143	Matos	50
<input type="checkbox"/>	 Edit	 Copy	 Delete	144	Vargas	50
<input type="checkbox"/>	 Edit	 Copy	 Delete	149	Zlotkey	80
<input type="checkbox"/>	 Edit	 Copy	 Delete	174	Abel	80
<input type="checkbox"/>	 Edit	 Copy	 Delete	176	Taylor	80

 Console