



DATABASE: LAB 1



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1)

The screenshot shows a database IDE with a SQL script editor and an output window. The script includes the following SQL statements:

```

2 • Create Schema phonebook;
3 • Use phonebook;
4 • Create Table Person (
5     Id Varchar (5) Primary Key Not Null,
6     Pname Varchar(40),
7     DOB Date,
8     Paddress Varchar (100));
9 • Create Table Tel (
10    Pid Varchar(5),
11    Tserial Varchar (3),
12    Telno Varchar (15),
13    Constraint pk Primary Key (Pid, Tserial),
14    Constraint fk Foreign Key (Pid) references Person (Id));
15 • Insert into Person values (1,'john','1970-01-03','5 shore st. ');
16 • Insert into Tel values (1,1,'03-2245655' );
17 • Insert into Tel values (1,2,'012-6453242' );
18 • Insert into Person values (2,'mark','1967-07-08','5 shore st. ');
19 • Insert into Tel values (2,1,'03-8644353' );
20 • Select Id, Pname, DOB, paddress,pid, Tserial, Telno
21   from Tel , Person
22  where Pid = Id;
  
```

The Output window shows the following log:

#	Time	Action	Message
1	16:38:08	drop schema if exists phonebook	0 row(s) affected
2	16:38:11	Create Schema phonebook	1 row(s) affected
3	16:38:13	Use phonebook	0 row(s) affected
4	16:38:16	Create Table Person (Id Varchar (5) Primary Key Not Null, Pname Varchar(40), DOB Date, Paddress Varchar (...)	0 row(s) affected
5	16:38:22	Create Table Tel (Pid Varchar(5), Tserial Varchar (3), Telno Varchar (15), Constraint pk Primary Key (Pid, Tseri...	0 row(s) affected

2)

The screenshot shows the same database IDE with the SQL script from the previous step. The script is identical, but the output window now shows the results of the SELECT query.

The Result Grid shows the following data:

	Id	Pname	DOB	paddress	pid	Tserial	Telno
▶	1	john	1970-01-03	5 shore st.	1	1	03-2245655
	1	john	1970-01-03	5 shore st.	1	2	012-6453242
	2	mark	1967-07-08	5 shore st.	2	1	03-8644353

The Output window shows the following log:

#	Time	Action	Message
7	16:47:08	Insert into Person values (1,'john','1970-01-03','5 shore st.')	1 row(s) affected
8	16:47:10	Insert into Tel values (1,1,'03-2245655')	1 row(s) affected
9	16:47:13	Insert into Tel values (1,2,'012-6453242')	1 row(s) affected
10	16:47:14	Insert into Person values (2,'mark','1967-07-08','5 shore st.')	1 row(s) affected
11	16:47:16	Insert into Tel values (2,1,'03-8644353')	1 row(s) affected
12	16:47:19	Select Id, Pname, DOB, paddress,pid, Tserial, Telno from Tel , Person where Pid = Id LIMIT 0, 1000	3 row(s) returned