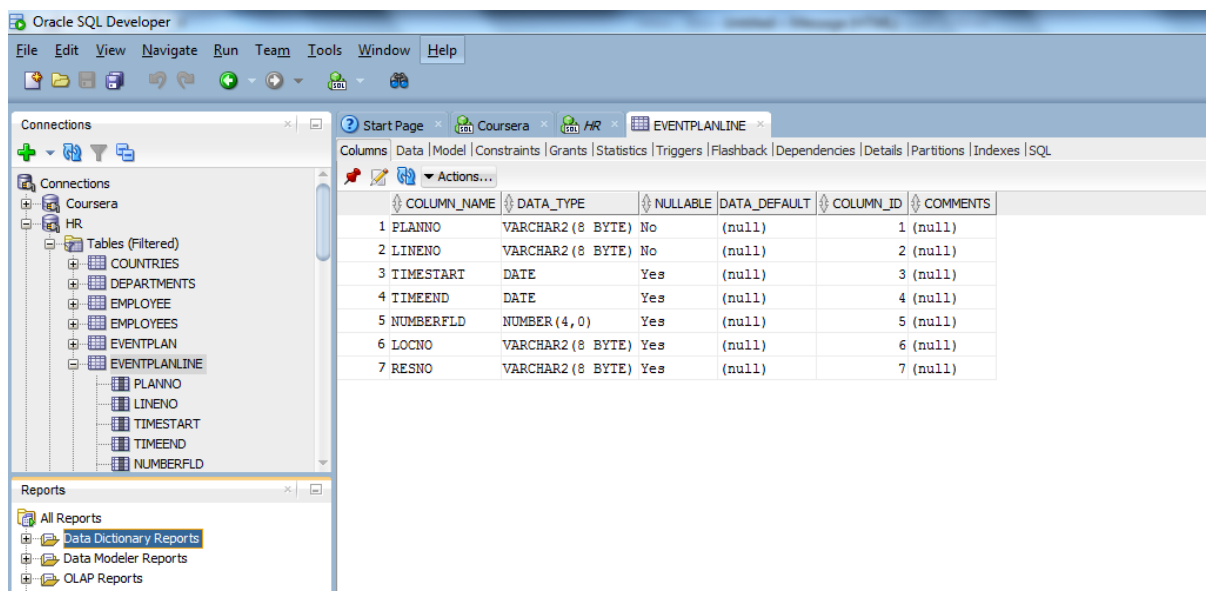


USING ORACLE 11 EXPRESS EDITION | SQL DEVELOPER

1. SQL QUERY TO CREATE TABLE

```
create table EventPlanLine(  
    PLANNO VARCHAR2 (8) CONSTRAINT PLANNO1 NOT NULL,  
    LINENO VARCHAR2 (8) CONSTRAINT LINENO NOT NULL,  
    TIMESTART DATE,  
    TIMEEND DATE,  
    NUMBERFLD NUMBER(4),  
    LOCNO VARCHAR(8),  
    RESNO VARCHAR(8),  
    CONSTRAINT PK_EVENTPLANLINE PRIMARY KEY (LINENO),  
    CONSTRAINT FK_EVENTPLANLINE1 FOREIGN KEY (PLANNO) REFERENCES  
    EVENTPLAN (PLANNO),  
    CONSTRAINT TIME_CHECK CHECK(TIMESTART < TIMEEND));
```



2. INSERT STATEMENT | RESULT USING SELECT

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P100',1,
to_date('25-OCT-13 8:00:00','DD-MON-RR HH24:MI:SS'), to_date('25-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'),2,'L100','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P100',2,
to_date('25-OCT-13 12:00:00','DD-MON-RR HH24:MI:SS'),to_date('25-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'), 2,'L101','R101');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P100',3,
to_date('25-OCT-13 7:00:00','DD-MON-RR HH24:MI:SS'), to_date('25-OCT-13
16:30:00','DD-MON-RR HH24:MI:SS'), 1,'L102','R102');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P100',4,
to_date('25-OCT-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('25-OCT-13
22:00:00','DD-MON-RR HH24:MI:SS'),2,'L100','R102');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P101',1,
to_date('3-DEC-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('3-DEC-13
20:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P101',2,
to_date('3-DEC-13 18:30:00','DD-MON-RR HH24:MI:SS'),to_date('3-DEC-13
19:00:00','DD-MON-RR HH24:MI:SS'),4,'L105','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P101',3,
to_date('3-DEC-13 19:00:00','DD-MON-RR HH24:MI:SS'),to_date('3-DEC-13
20:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R103');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P102',1,
to_date('5-DEC-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('5-DEC-13
19:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P102',2,
to_date('5-DEC-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('5-DEC-13
21:00:00','DD-MON-RR HH24:MI:SS'),4,'L105','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P102',3,
to_date('5-DEC-13 19:00:00','DD-MON-RR HH24:MI:SS'),to_date('5-DEC-13
22:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R103');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P103',1,
to_date('12-DEC-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('12-DEC-13
21:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P103',2,
```

```

to_date('12-DEC-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('12-DEC-13
21:00:00','DD-MON-RR HH24:MI:SS'),4,'L105','R100');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P103',3,
to_date('12-DEC-13 19:00:00','DD-MON-RR HH24:MI:SS'),to_date('12-DEC-13
22:00:00','DD-MON-RR HH24:MI:SS'),2,'L103','R103');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P104',1,
to_date('26-OCT-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('26-OCT-13
22:00:00','DD-MON-RR HH24:MI:SS'),4,'L101','R104');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P104',2,
to_date('26-OCT-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('26-OCT-13
22:00:00','DD-MON-RR HH24:MI:SS'),4,'L100','R104');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P105',1,
to_date('25-OCT-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('25-OCT-13
22:00:00','DD-MON-RR HH24:MI:SS'),4,'L101','R104');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P105',2,
to_date('25-OCT-13 18:00:00','DD-MON-RR HH24:MI:SS'),to_date('25-OCT-13
22:00:00','DD-MON-RR HH24:MI:SS'),4,'L100','R104');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P199',1,
to_date('10-DEC-13 8:00:00','DD-MON-RR HH24:MI:SS'), to_date('10-DEC-13
12:00:00','DD-MON-RR HH24:MI:SS'),1,'L100','R100');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P349',1,
to_date('12-DEC-13 12:00:00','DD-MON-RR HH24:MI:SS'),to_date('12-DEC-13
15:30:00','DD-MON-RR HH24:MI:SS'),1,'L103','R100');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values
('P85',1, to_date('25-OCT-13 9:00:00','DD-MON-RR HH24:MI:SS'),
to_date('25-OCT-13 17:00:00','DD-MON-RR HH24:MI:SS'),5,'L100','R100');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values
('P85',2, to_date('25-OCT-13 8:00:00','DD-MON-RR HH24:MI:SS'),
to_date('25-OCT-13 17:00:00','DD-MON-RR HH24:MI:SS'),2,'L102','R101');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P85',3,
to_date('25-OCT-13 10:00:00','DD-MON-RR HH24:MI:SS'), to_date('25-OCT-13
15:00:00','DD-MON-RR HH24:MI:SS'),3,'L104','R100');

Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P95',1,
to_date('26-OCT-13 8:00:00','DD-MON-RR HH24:MI:SS'), to_date('26-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'),4,'L100','R100');

```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P95',2,
to_date('26-OCT-13 9:00:00','DD-MON-RR HH24:MI:SS'), to_date('26-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'),4,'L102','R101');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P95',3,
to_date('26-OCT-13 10:00:00','DD-MON-RR HH24:MI:SS'), to_date('26-OCT-13
15:00:00','DD-MON-RR HH24:MI:SS'),4,'L106','R100');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P95',4,
to_date('26-OCT-13 13:00:00','DD-MON-RR HH24:MI:SS'), to_date('26-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'),2,'L100','R103');
```

```
Insert into EVENTPLANLINE
(PLANNO,LINENO,TIMESTART,TIMEEND,NUMBERFLD,LOCNO,RESNO) values ('P95',5,
to_date('26-OCT-13 13:00:00','DD-MON-RR HH24:MI:SS'), to_date('26-OCT-13
17:00:00','DD-MON-RR HH24:MI:SS'),2,'L101','R104');
```

The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists the 'HR' schema, with the 'EVENTPLANLINE' table selected. The 'Worksheet' pane displays the SQL query: `select * from eventplanline;`. The 'Query Result' pane shows the following data:

	PLANNO	LINENO	TIMESTART	TIMEEND	NUMBERFLD	LOCNO	RESNO
1	P100	1	25-OCT-13	25-OCT-13	2	L100	R100
2	P100	2	25-OCT-13	25-OCT-13	2	L101	R101
3	P100	3	25-OCT-13	25-OCT-13	1	L102	R102
4	P100	4	25-OCT-13	25-OCT-13	2	L100	R102
5	P95	5	26-OCT-13	26-OCT-13	2	L101	R104