SQL Issues

Figure 1

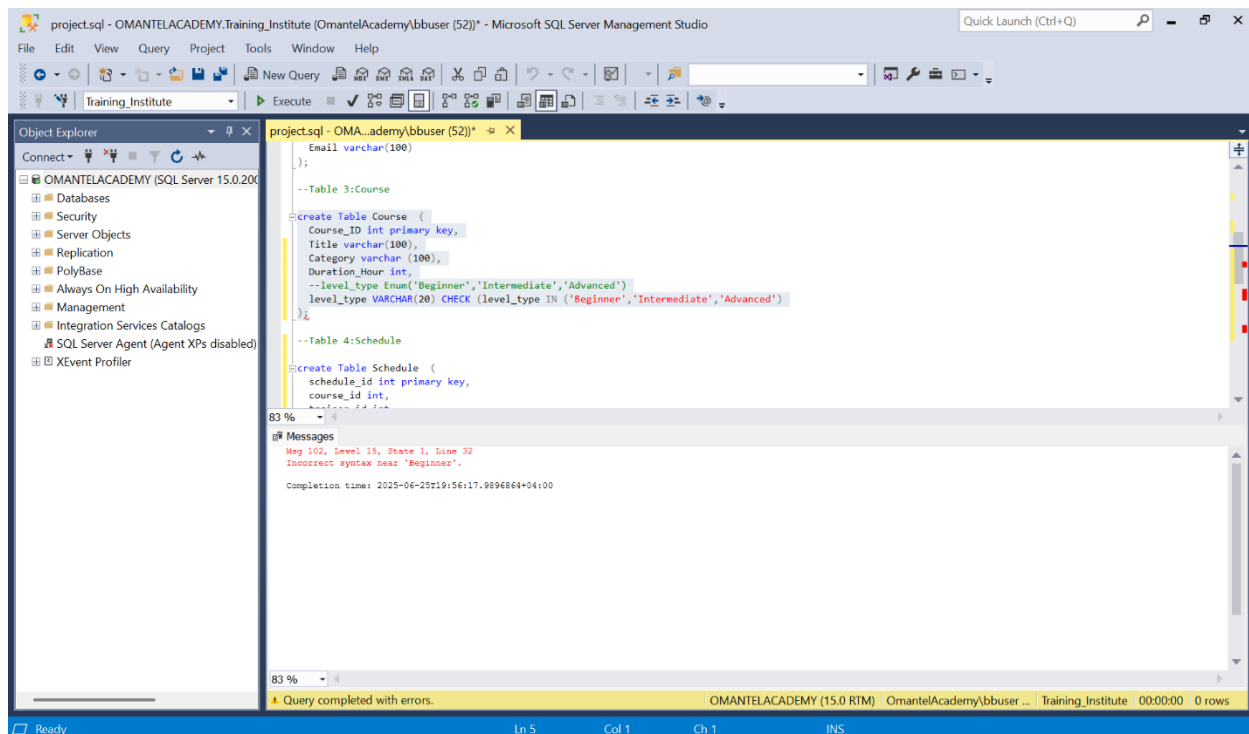**issue:** Incorrect syntax near 'Beginner'
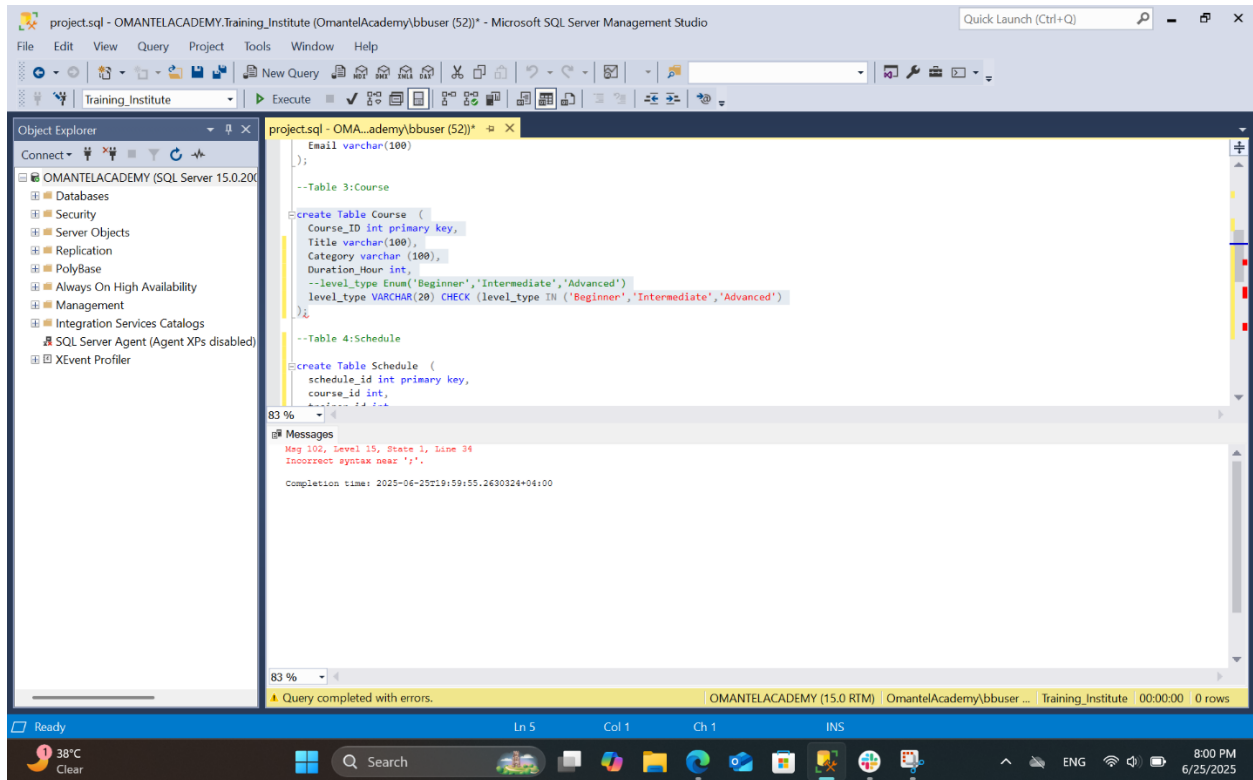
solution: the bracket was missing ')'

Figure 2

issue: Incorrect syntax near ';'
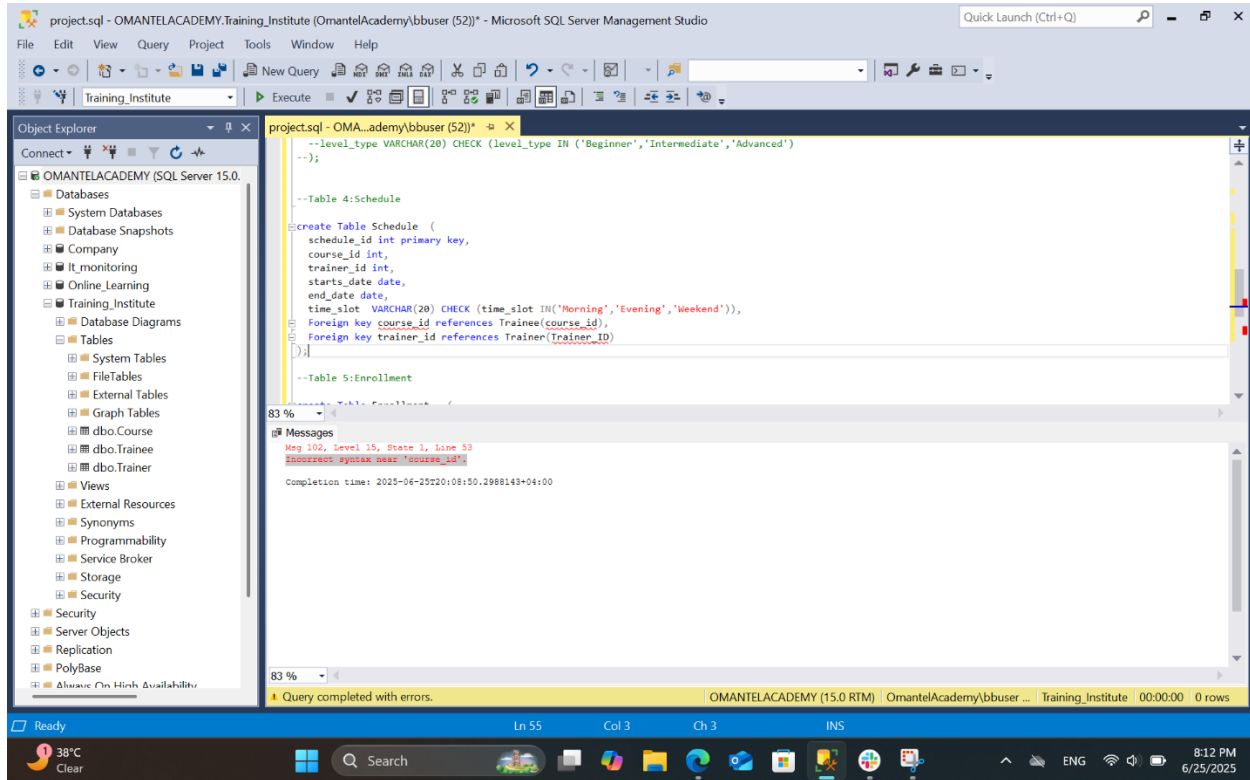
solution: The bracket was missing ')'

Figure 3

issue: Incorrect syntax near 'course_id'

solution: The foreign key should be referenced to the same table (in this I have reference the key from the wrong table (Trainee)
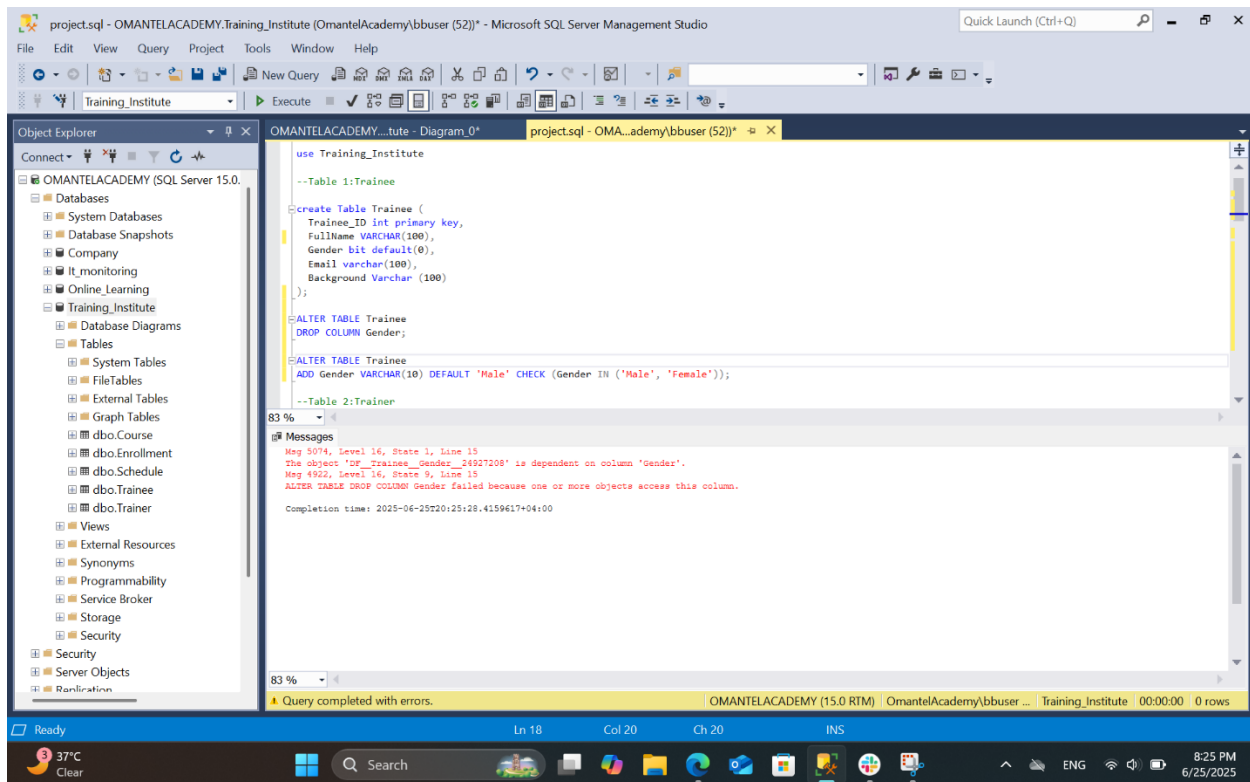
Figure 4

issue: The ALTER TABLE DROP COLUMN Gender command failed because a default constraint (DF Trainee Gender) is still attached to the Gender column.

solution: Drop the default constraint using ALTER TABLE Trainee DROP CONSTRAINT <constraint name>; Then drop the column and add it with the new definition.
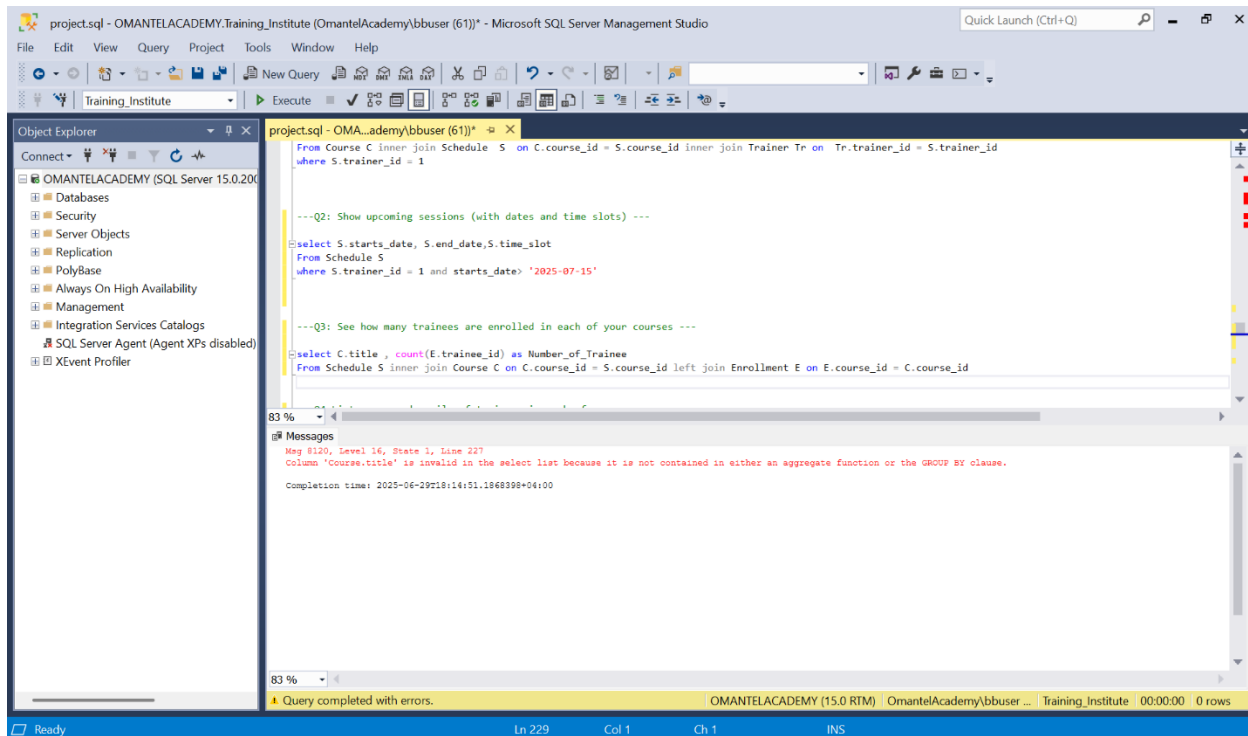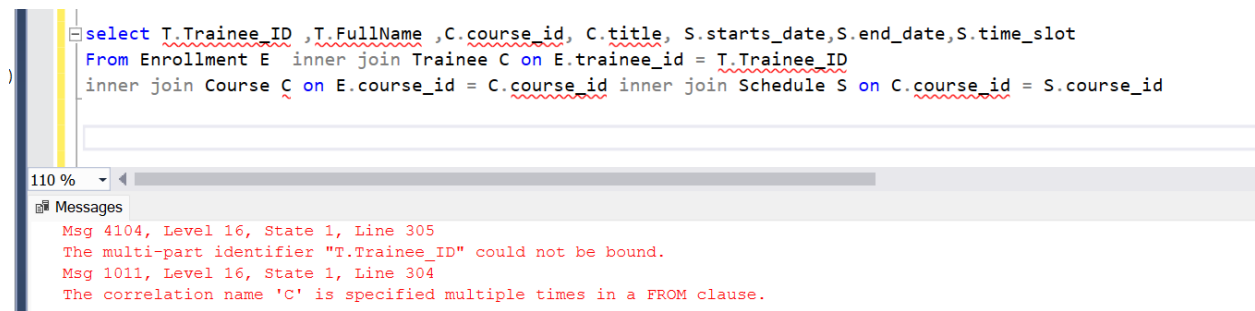
Figure 5

issue: The course title is invalid in the select list because it is not contained in either an aggregate functions or group by clause

solution: Add Group by C.title

```sql
select T.Trainee_ID ,T.FullName ,C.course_id, C.title, S.starts_date,S.end_date,S.time_slot
From Enrollment E  inner join Trainee C on E.trainee_id = T.Trainee_ID
inner join Course C on E.course_id = C.course_id inner join Schedule S on C.course_id = S.course_id
```

110 %

Messages

```
Msg 4104, Level 16, State 1, Line 305
The multi-part identifier "T.Trainee_ID" could not be bound.
Msg 1011, Level 16, State 1, Line 304
The correlation name 'C' is specified multiple times in a FROM clause.
```

Figure 6

issue: The correlation name 'c' is specified multiple times from clause (For the Trainee I used the same alias for the course

solution: change the alias of the Trainee (T)