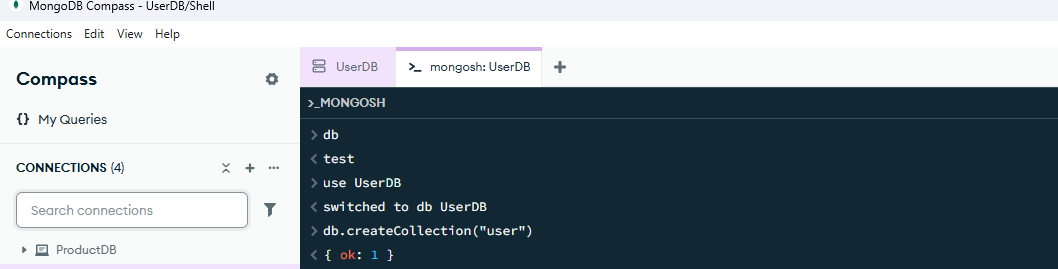
**MONGO DB CODING CHALLENGE**

Theophila Murphy S

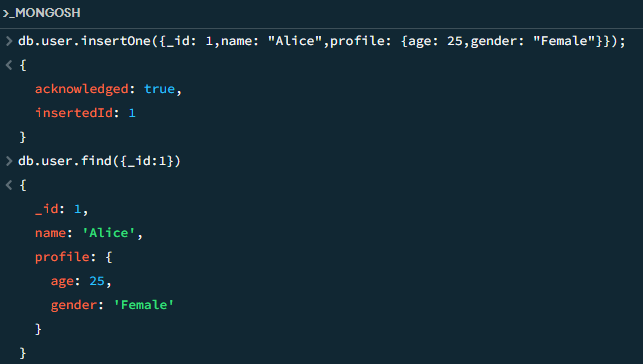
DE BACTH-6

**UNDERSTANDING RELATIONS**

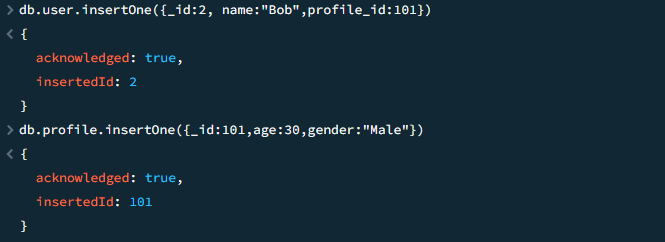
DB & Collection Creation



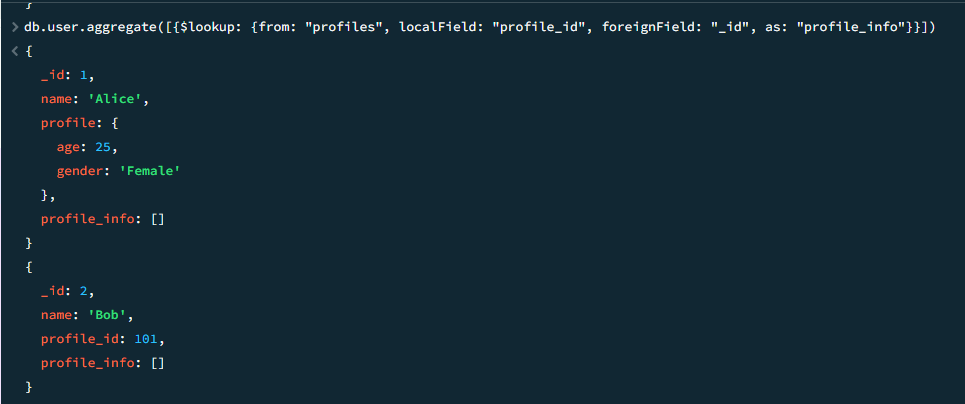
1.One-One Embedded



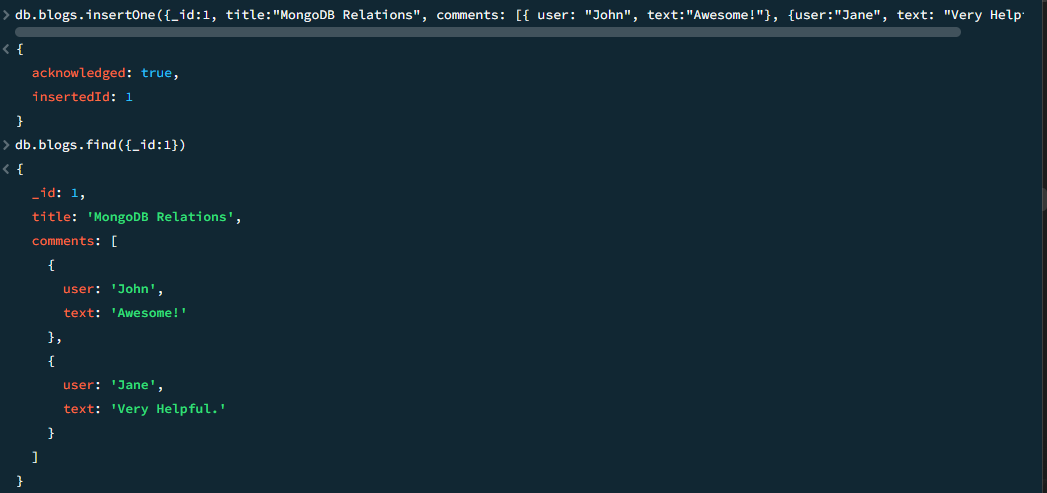
2.One-One References



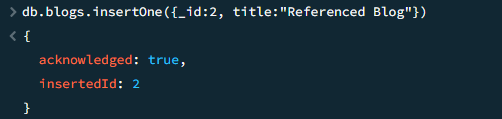
3.One-One $lookup

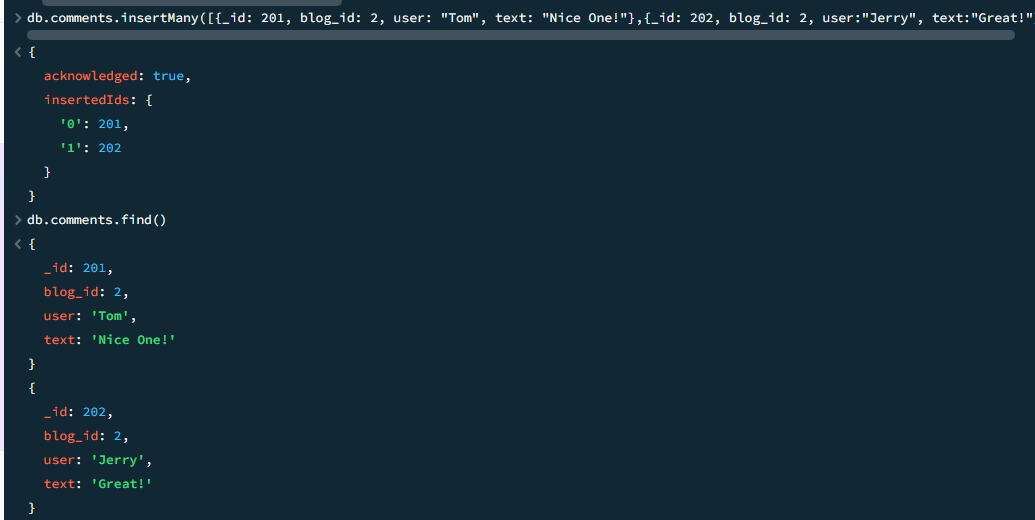


4.One-Many Embedded

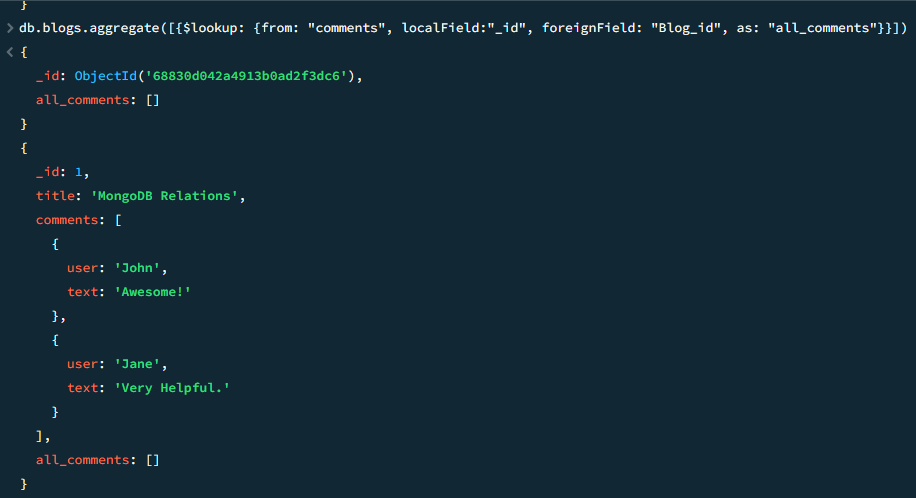


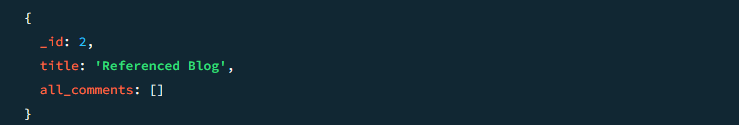
5.One-Many References



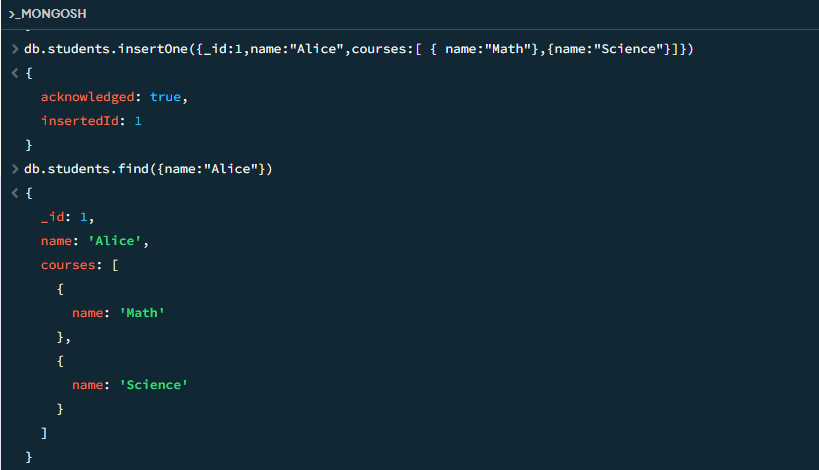


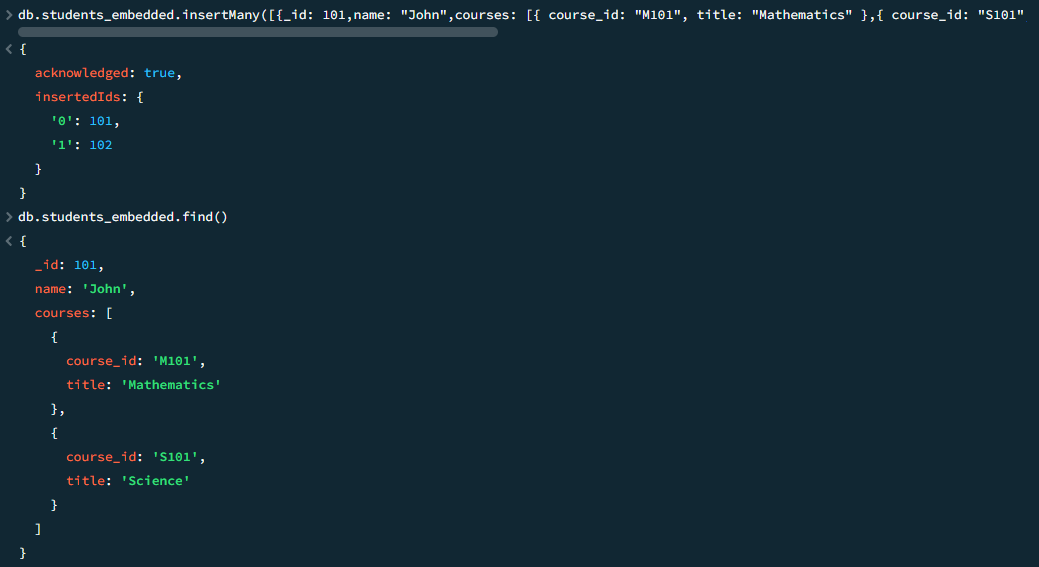
6.One-Many $lookup

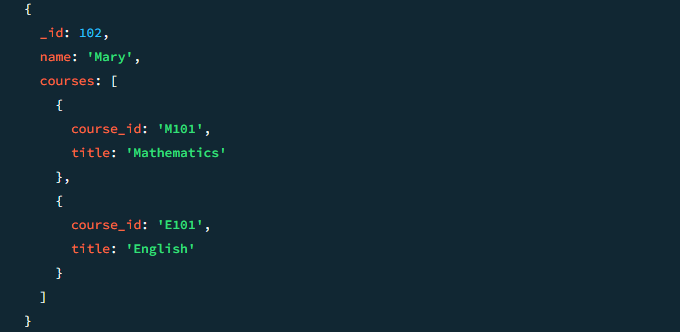




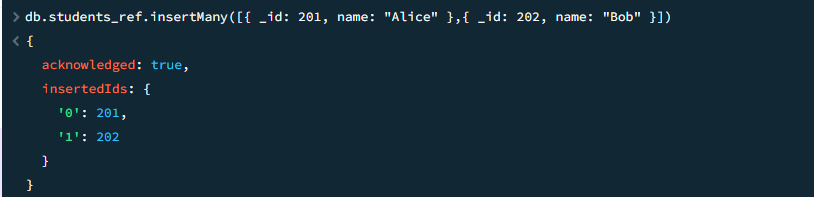
7.Many-Many Embedded

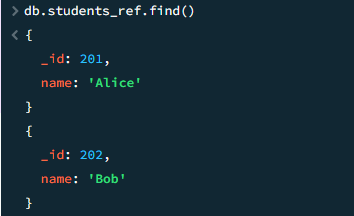


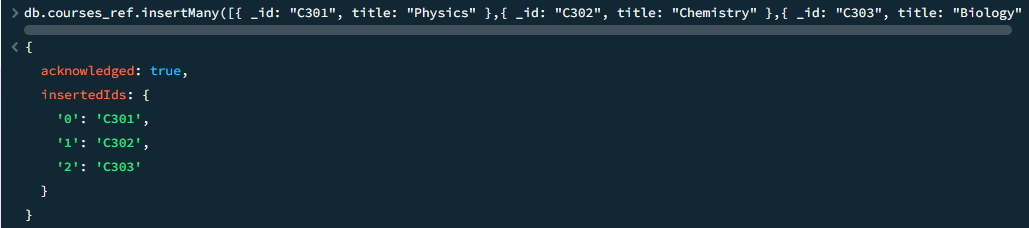




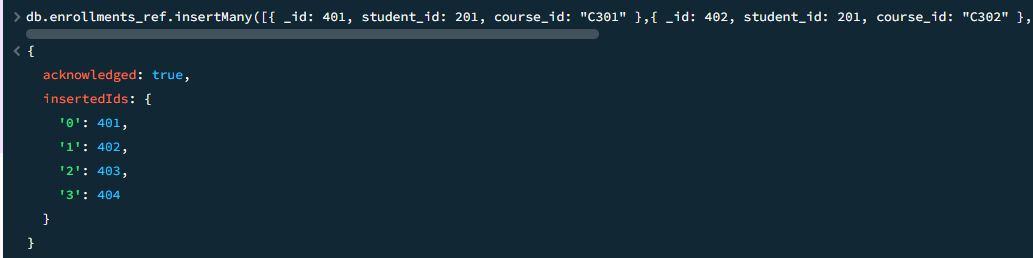
8.Many-Many References

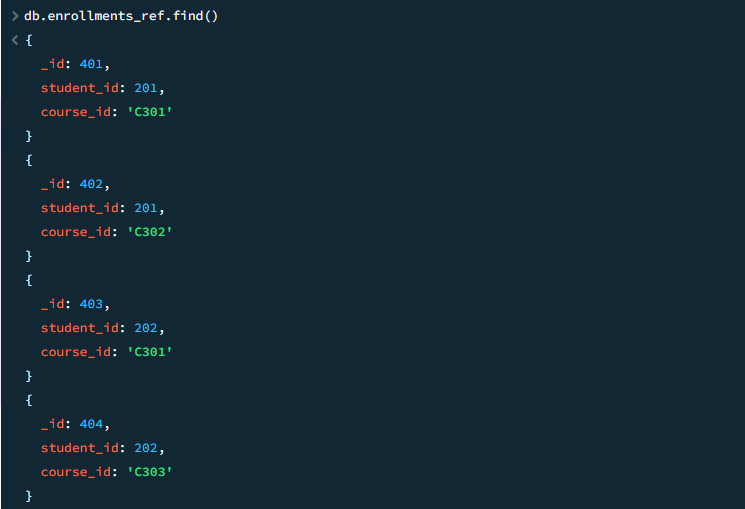












9.Many-Many $lookup

