## **Challenge2 - Data Definition Language (DDL)**

In a text editor provide the statements to create the tables listed below with foreign key relationships defined. Add a non-clustered index to each foreign key in the PerformsIn table. **Create all the drop statements** necessary to remove all the tables (remember order matters). All Statements should be able to run as a single script without producing any errors.



The script you created will be used to grade your assignment. Your assignment will be graded as follows:

| Description   | Mark Allotment                   |
|---|----------------------------------|
|   |                                  |
| Student created 3 tables using proper SQL syntax        | 2 marks per table, 6 marks total |
| Referential Integrity respected                         | 4 marks                          |
| Appropriate datatype sizes assigned                     | 2 marks                          |
| Index creation  | 2 marks                          |
| Clean up – provided all drop statements in proper order | 2 marks                          |
| Foreign Key Constraints are given a name                | 3 marks                          |
| Presentation – legible easy to read                     | 3 marks                          |
| TOTAL   | 22 marks                         |

Next steps...

Once completed, submit sql file to dropbox. Please name file c2\_firstname\_lastname\_section.sql