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GRADED HOMEWORK NUMBER: 3
COURSE: CS/DSA 4513 DATABASE MANAGEMENT
SECTION: ONLINE
SEMESTER: FALL 2023
INSTRUCTOR: DR. LE GRUENWALD
SCORE:

eclipse-workspace - SampleAzureSQLProject/sample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Problems Javadoc Declaration Console

sample (1) [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (Oct 5, 2023, 9:34:43 AM) [pid: 20200]

```
Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
1
Please enter integer performer ID:
13
Please enter performer name:
John Hamm
Please enter integer age of performer:
42
Connecting to the database...
Dispatching the query...
Done. 1 rows inserted.

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
3
Connecting to the database...
Dispatching the query...
Contents of the Performer table:
ID | name | years of experience | age
1 | Morgan | 48 | 67 |
2 | Cruz | 14 | 28 |
3 | Adams | 1 | 16 |
4 | Perry | 18 | 32 |
5 | Hanks | 36 | 55 |
6 | Hanks | 15 | 24 |
7 | Lewis | 13 | 32 |
13 | John Hamm | 15 | 42 |
```

1.

```

1
Please enter integer performer ID:
12
Please enter performer name:
Nick
Please enter integer age of performer:
5
Connecting to the database...
Dispatching the query...
Done. 1 rows inserted.

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
3
Connecting to the database...
Dispatching the query...
Contents of the Performer table:
ID | name | years of experience | age
1 | Morgan | 48 | 67 |
2 | Cruz | 14 | 28 |
3 | Adams | 1 | 16 |
4 | Perry | 18 | 32 |
5 | Hanks | 36 | 55 |
6 | Hanks | 15 | 24 |
7 | Lewis | 13 | 32 |
12 | Nick | 0 | 5 |
13 | John Hamm | 15 | 42 |
15 | Liam Nieson | 18 | 55 |

```

2.

```

12 | Nick | 0 | 5 |
13 | John Hamm | 15 | 42 |
15 | Liam Nieson | 18 | 55 |

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
1
Please enter integer performer ID:
15
Please enter performer name:
Tony Danza
Please enter integer age of performer:
69
Connecting to the database...
Dispatching the query...
Exception in thread "main" com.microsoft.sqlserver.jdbc.SQLServerException: Violation of PRIMARY KEY constraint 'PK_Performe_0037D91A702CF227'. Cannot insert duplicate key
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerException.makeFromDatabaseError(SQLServerException.java:259)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerStatement.getTextResult(SQLServerStatement.java:1695)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement.doExecutePreparedStatement(SQLServerPreparedStatement.java:648)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement$PrepStateExecCmd.doExecute(SQLServerPreparedStatement.java:567)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.TDSCommand.execute(IOBuffer.java:7675)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerConnection.executeCommand(SQLServerConnection.java:4137)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerStatement.executeCommand(SQLServerStatement.java:272)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerStatement.executeStatement(SQLServerStatement.java:246)
at com.microsoft.sqlserver.jdbc@12.4.1:jre11/com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement.executeUpdate(SQLServerPreparedStatement.java:512)
at sample.main(sample.java:72)

```

3.

eclipse-workspace - SampleAzureSQLProject/sample.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Problems Javadoc Declaration Console

sample (1) [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (Oct 5, 2023, 9:34:43 AM) [pid: 202

```
2
Please enter integer performer ID:
15
Please enter performer name:
Liam Nieson
Please enter integer age of performer:
55
Please enter integer director ID:
4
Connecting to the database...
Dispatching the query...
Done. 1 rows inserted.

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
3
Connecting to the database...
Dispatching the query...
Contents of the Performer table:
ID | name | years of experience | age
1 | Morgan | 48 | 67 |
2 | Cruz | 14 | 28 |
3 | Adams | 1 | 16 |
4 | Perry | 18 | 32 |
5 | Hanks | 36 | 55 |
6 | Hanks | 15 | 24 |
7 | Lewis | 13 | 32 |
13 | John Hamm | 15 | 42 |
15 | Liam Nieson | 18 | 55 |

Please select one of the options below:
<
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4.

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2
Please enter integer performer ID:
13
Please enter performer name:
Hank Fonda
Please enter integer age of performer:
85
Please enter integer director ID:
3
Connecting to the database...
Dispatching the query...
Done. 1 rows inserted.

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
3
Connecting to the database...
Dispatching the query...
Contents of the Performer table:
ID | name | years of experience | age
1 | Morgan | 48 | 67 |
2 | Cruz | 14 | 28 |
3 | Adams | 1 | 16 |
4 | Perry | 18 | 32 |
5 | Hanks | 36 | 55 |
6 | Hanks | 15 | 24 |
7 | Lewis | 13 | 32 |
13 | Hank Fonda | 33 | 85 |
5.

```

```

2
Please enter integer performer ID:
42
Please enter performer name:
Ben Stiller
Please enter integer age of performer:
69
Please enter integer director ID:
8
Connecting to the database...
Dispatching the query...
Done. 1 rows inserted.

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
3
Connecting to the database...
Dispatching the query...
Contents of the Performer table:
ID | name | years of experience | age
1 | Morgan | 48 | 67 |
2 | Cruz | 14 | 28 |
3 | Adams | 1 | 16 |
4 | Perry | 18 | 32 |
5 | Hanks | 36 | 55 |
6 | Hanks | 15 | 24 |
7 | Lewis | 13 | 32 |
13 | Hank Fonda | 33 | 85 |
42 | Ben Stiller | 51 | 69 |

```

6.

```

Please select one of the options below:
1) Insert new performer with estimated years of experience based on age;
2) Insert new performer with estimated years of experience based on director;
3) Display all performers;
4) Exit!
4
Exiting! Good-bye!

```

7.