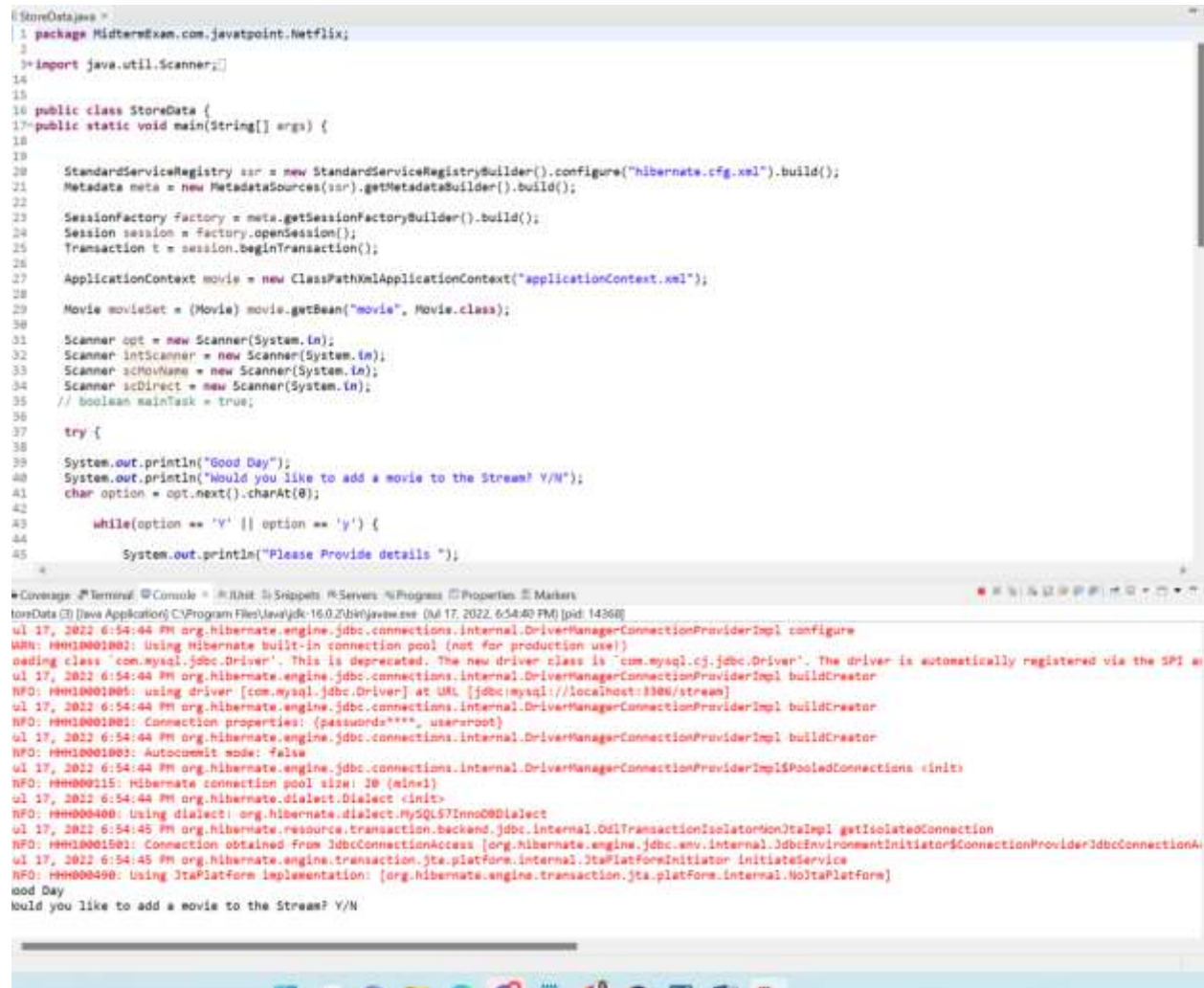


1. It will prompt the user whether they wish to add a movie to the stream.



```
StoreData.java
1 package MidtermExam.com.javatpoint.netflix;
2
3 import java.util.Scanner;
4
5 public class StoreData {
6     public static void main(String[] args) {
7
8         StandardServiceRegistry srr = new StandardServiceRegistryBuilder().configure("hibernate.cfg.xml").build();
9         Metadata meta = new MetadataSources(srr).getMetadataBuilder().build();
10
11         SessionFactory factory = meta.getSessionFactoryBuilder().build();
12         Session session = factory.openSession();
13         Transaction t = session.beginTransaction();
14
15         ApplicationContext movie = new ClassPathXmlApplicationContext("applicationContext.xml");
16
17         Movie movieSet = (Movie) movie.getBean("movie", Movie.class);
18
19         Scanner opt = new Scanner(System.in);
20         Scanner intScanner = new Scanner(System.in);
21         Scanner sMovieName = new Scanner(System.in);
22         Scanner sDirector = new Scanner(System.in);
23         // boolean mainTask = true;
24
25         try {
26             System.out.println("Good Day");
27             System.out.println("Would you like to add a movie to the Stream? Y/N");
28             char option = opt.next().charAt(0);
29
30             while(option == 'Y' || option == 'y') {
31
32                 System.out.println("Please Provide details ");
33
34             }
35         }
36     }
37 }
38
39
40
41
42
43
44
45
```

```

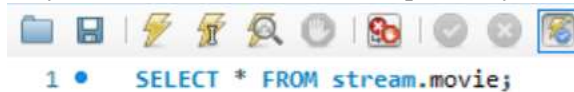
Coverage  Terminal  Console  Run  Run and Debug  Servers  Progress  Properties  Markers
StoreData (3) [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (Jul 17, 2022, 6:54:40 PM) [pid: 14368]
ul 17, 2022 6:54:44 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl configure
WARN: HHH000002: Using Hibernate built-in connection pool (not for production use!)
loading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is automatically registered via the SPI
ul 17, 2022 6:54:44 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH000005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/stream]
ul 17, 2022 6:54:44 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH000006: Connection properties: (passwords****, user=root)
ul 17, 2022 6:54:44 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl buildCreator
INFO: HHH000007: Autocommit mode: false
ul 17, 2022 6:54:44 PM org.hibernate.engine.jdbc.connections.internal.DriverManagerConnectionProviderImpl$PooledConnections <init>
INFO: HHH000115: Hibernate connection pool size: 20 (min=1)
ul 17, 2022 6:54:44 PM org.hibernate.dialect.Dialect <init>
INFO: HHH000400: Using dialect: org.hibernate.dialect.MySQL57InnoDBDialect
ul 17, 2022 6:54:44 PM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getIsolatedConnection
INFO: HHH0001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironmentInitiator$ConnectionProviderJdbcConnectionA
ul 17, 2022 6:54:45 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.internal.NoJtaPlatform]
Good Day
Would you like to add a movie to the Stream? Y/N
y
Please Provide details
Please input Movie ID: 23
Please input Movie Name: Thor
Please input Sequence Number:
23
Please input Director Name of the Movie:
Alan Taylor
successfully saved
Do you still want to enter a movie to the database? Y/N

```

2. The user will then be asked once more for details on the Movie ID, Movie Name, Sequence Number, and the Director of the film. Then, if they still wish to add a movie to the stream, they will be asked once again.

```
StoreData (3) [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (Jul 17, 2022, 6:54:40 PM) [pid: 14368]
INFO: HHH000115: Hibernate connection pool size: 20 (min=1)
Jul 17, 2022 6:54:44 PM org.hibernate.dialect.Dialect <init>
INFO: HHH000400: Using dialect: org.hibernate.dialect.MySQL57InnoDBDialect
Jul 17, 2022 6:54:45 PM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIso
INFO: HHH0001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.in
Jul 17, 2022 6:54:45 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction.jta.platform.
Good Day
Would you like to add a movie to the Stream? Y/N
y
Please Provide details
Please input Movie ID: 23
Please input Movie Name: Thor
Please input Sequence Number:
23
Please input Director Name of the Movie:
Alan Taylor
successfully saved
Do you still want to enter a movie to the database? Y/N
```

3. As you can see here, the details inputted by the user are added to the database.



Result Grid				
Filter Rows: <input type="text"/>				
	MovieID	Director	Name	SequenceNumber
▶	1	gdg	vdd	1
	2	gfdg	dgdg	2
	23	Alan Taylor	Thor	23
*	NULL	NULL	NULL	NULL

movie 1 x

4. If the user did not enter the expected input, it will be handled by a catch exception.

```
Coverage Terminal Console x JUnit Snippets Servers Progress Properties Markers
<terminated> StoreData (3) [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (Jul 17, 2022, 7:03:57 :
INFO: HHH10001005: using driver [com.mysql.jdbc.Driver] at URL [jdbc:mysql://localhost:3306/stream?useSSL=false&serverTimezone=UTC]
Jul 17, 2022 7:04:00 PM org.hibernate.engine.jdbc.connections.internal.DriverManager
INFO: HHH10001001: Connection properties: {password=****, user=root}
Jul 17, 2022 7:04:00 PM org.hibernate.engine.jdbc.connections.internal.DriverManager
INFO: HHH10001003: Autocommit mode: false
Jul 17, 2022 7:04:00 PM org.hibernate.engine.jdbc.connections.internal.DriverManager
INFO: HHH000115: Hibernate connection pool size: 20 (min=1)
Jul 17, 2022 7:04:00 PM org.hibernate.dialect.Dialect <init>
INFO: HHH000400: Using dialect: org.hibernate.dialect.MySQL57InnoDBDialect
Jul 17, 2022 7:04:01 PM org.hibernate.resource.transaction.backend.jdbc.internal.Ddl
INFO: HHH10001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engi
Jul 17, 2022 7:04:01 PM org.hibernate.engine.transaction.jta.platform.internal.JtaP
INFO: HHH000490: Using JtaPlatform implementation: [org.hibernate.engine.transaction
Good Day
Would you like to add a movie to the Stream? Y/N
/
Please Provide details
Please input Movie ID: dffsf
You did not enter the expected input. Error: java.util.InputMismatchException
```