

**Arab Academy for Science, Technology & Maritime Transport College of Computing and Information Technology**

**Course:** Advanced Programming Applications

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**Sheet:** W2 Section – JDBC

**Exercise 1:**

**Create a User class that has the attributes firstName, lastName, email, and password along with their setters and getters**

**Create a DBInitialization class that creates a database table for Users in the constructor and has the following methods:**

* void storeUser(User u)
* User loginUser(String email, String password)
* ArrayList<User> viewUsers()

Note: use derby database

Driver string: org.apache.derby.jdbc.EmbeddedDriver

Connection string: jdbc:derby:db/AAST;create=true

Create table SQL: create table Users ( email varchar(25), firstName varchar(25), lastName varchar(25), password varchar(25), primary key (email) )