I. To run from command line:

 Extract DavisBaseMaster  contents from source code folder.

1. From command line go to the path where the folder is unzipped .

2. run command: javac DavisBase.java to compile the code

3. Once code is compiled run command : java DavisBase to run the executable generated

II. To run on eclipse:

1. extract the compressed folder DavisBaseMaster from source code folder

2. import it into eclipse IDE

3. Then run DavisBase.java

The following commands can be tested:
Note: All commands are case insensitive
• DDL
1. SHOW TABLES – Displays a list of all tables in DavisBase.

show tables;
2. CREATE TABLE – Creates a new table schema, i.e. a new empty table.

create table <tablename> (<attribute1> <datatype>, <attribute2> <datatype>,<attribute3>
<datatype>….);
3. DROP TABLE – Remove a table schema, and all of its contained data.

drop table <tablename>;
• DML
1. INSERT INTO TABLE – Inserts a single record into a table.

insert into <tablename> values (<value1>, <value2>,..);
• VDL
1. "SELECT-FROM-WHERE" -style query

select * from <tablename>; ------ displays all records in the table
select * from <tablename> where <attribute>….;
Any of the logical operator (=,>,<.>=,<=) can be tested in the where clause

2. EXIT – Cleanly exits the program and saves all table information in non-volatile files.