--Q.1 Create a new table containing the category code and description for the categories of books sold by JustLee Books.

--The table should be called CATEGORY, and the columns should be CatCode and CatDesc. The CatCode column should store

--a maximum of 2 characters, and the CatDesc column should store a maximum of 10 characters.

CREATE TABLE category

(Catcode VARCHAR2(2),

Catdesc VARCHAR2(10));

--Q.2 Create a new table containing these four columns: Emp#, Lastname, Firstname, and Job\_class.

--The table name should be EMPLOYEES. THE Job\_class column should be able to store character strings up to a

--maximum length of four, but the column values shouldn't be padded if the value has less than four characters.

--The Emp# column contains a numeric ID and should allow five-digit number. Use column sizes you consider

--suitable for the Firstname and Lastname columns.

CREATE TABLE employees

(emp# NUMBER(5), lastname VARCHAR2(15), firstname VARCHAR2(10), job\_class VARCHAR2(4));

--Q.3 Add two columns to the EMPLOYEES table. One column, named EmpDate, contains the date of employment for each employee,

--and its default value should be the systemdate, The second column, named EndDate, contains employees' date of termination.

ALTER TABLE employees ADD (empdate DATE DEFAULT SYSDATE, enddate DATE);

--Q.4 Modify the Job\_class column of the EMPLOYEES table so that it allows storing a maximum width of two characters.

ALTER TABLE employees MODIFY job\_class VARCHAR2(2);

--Q.5 Delete the EndDate column from the EMPLOYEES table.

ALTER TABLE employees DROP column enddate;

--Q.6 Rename the EMPLOYEES table as JL\_EMPS.

RENAME employees TO jl\_emps;

--Q.7 Create a new table containing these four columns from the existing BOOKS table: ISBN, Cost, Retail, and Category.

--The name of the ISBN column should be ID, and the other columns should keep their original names. Name the new table BOOK\_PRICING.

CREATE TABLE book\_pricing (id, cost, retail, category) AS (SELECT isbn,cost,retail,category FROM books);

--Q.8 Mark the Category column of the BOOK\_PRICING table as unused. Verify that the column is no longer available.

ALTER TABLE book\_pricing SET UNUSED(category);

SELECT \* FROM book\_pricing;

--Q.9 Truncate the BOOK\_PRICING table, and then verify that the table still exists but no loner contains any data.

TRUNCATE TABLE book\_pricing;

SELECT \* FROM book\_pricing;

--Q.10 Delete the BOOK\_PRICING tale permanently so that it isn't moved to the recycle bin.

--Delete the JL\_EMPS table so that it can be restored. Restore the JL\_EMPS table and verify that it's available again.

DROP TABLE book\_pricing PURGE;

DROP TABLE jl\_emps;

FLASHBACK TABLE jl\_emps TO BEFORE DROP;

SELECT FROM jl\_emps;