**Java Activity 3**

**JDBC**

Question 1

For the given table “category”

|  |  |  |
| --- | --- | --- |
| Cat\_id | int | Primary key |
| Cat\_name | Varchar2(45) |  |
|  |  |  |

product

|  |  |  |
| --- | --- | --- |
| pid | int | Primary key |
| pname | Varchar2(45) |  |
| price | Number(10,2) |  |
| Brand | Varchar2(15) |  |
| cid | int | FK references category(Cat\_id) |

Write the java program

* Display all the products in the ascending order of brand
* Display all the products for the given brand
* Display all the products for the price range
* Display all the products for the Product ID
* Display all the products whose pname starts with ‘r’
* Display all the products whose price is greater than 10000 for the given brand
* Display no of products, max and min price
* Display no of products, max and min for each cid
* Display average, sum and no of products for the given cid
* Display the max price product details
* Display the max price product details in each cid
* Display cat\_name, pid, pname, price, brand for all the products
* Display all the products for the given category name
* Display max, min and count no of products for each category name

**IO**

Question 2

1.Read the file and display no of lines and words

2.sum all the values and find average for the data resided in the file

3.Write the menu driven program to add an employee object to the file and view all the employee objects from the file. The app must prompt the user to continue

4.The Xyz company maintains the student details in a file in CSV(comma separated version) format

1001,ram,56,89,34,67,89

1002,tom,45,78,56,90,67

1003,sam,76,89,67,23,88

1004,jill,87,76,49,98,99

The data is in the order stuId, stuName, eng, lang, maths, science,social

Find total and average for each subject

Find overall percentage

Display the o/p

--------------------------------------------------------------------------------------------------

empId empname eng lang math sci soc tot avg

---------------------------------------------------------------------------------------------------

1001 ram 56 89 34 67 89 --- ---

------------------------------------------------------------------------------------------------------

Percentage: 90

--------------------------------------------------------------------------------------------------------