1. From the following tables write a SQL query to calculate and find the average price of items of each company higher than or equal to Rs. 350. Return average value and company name.

*Sample table*: company\_mast

COM\_ID COM\_NAME

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

11 Samsung

12 iBall

13 Epsion

14 Zebronics

15 Asus

16 Frontech

Sample table: item\_mast

PRO\_ID PRO\_NAME PRO\_PRICE PRO\_COM

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

101 Mother Board 3200.00 15

102 Key Board 450.00 16

103 ZIP drive 250.00 14

104 Speaker 550.00 16

105 Monitor 5000.00 11

106 DVD drive 900.00 12

107 CD drive 800.00 12

108 Printer 2600.00 13

109 Refill cartridge 350.00 13

110 Mouse 250.00 12

Ans: select a

1. From the following tables write a SQL query to find the most expensive product of each company. Return pro\_name, pro\_price and com\_name.

Sample table: company\_mast

COM\_ID COM\_NAME

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

11 Samsung

12 iBall

13 Epsion

14 Zebronics

15 Asus

16 Frontech

Sample table: item\_mast

PRO\_ID PRO\_NAME PRO\_PRICE PRO\_COM

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

101 Mother Board 3200.00 15

102 Key Board 450.00 16

103 ZIP drive 250.00 14

104 Speaker 550.00 16

105 Monitor 5000.00 11

106 DVD drive 900.00 12

107 CD drive 800.00 12

108 Printer 2600.00 13

109 Refill cartridge 350.00 13

110 Mouse 250.00 12

1. From the following tables write a SQL query to display all the data of employees including their department.

Sample table: emp\_department

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

Sample table: emp\_details

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to display the first and last names of each employee, as well as the department name and sanction amount.

Sample table: emp\_department

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

Sample table: emp\_details

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find the departments with budgets more than Rs. 50000 and display the first name and last name of employees.

Sample table: emp\_department

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

Sample table: emp\_details

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find the names of departments where more than two employees are employed. Return dpt\_name.

Sample table: emp\_department

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

Sample table: emp\_details

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find employees whose last name is Gabriel or Dosio. Return emp\_idno, emp\_fname, emp\_lname and emp\_dept.

**Sample table: emp\_details**

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables, write a SQL query to find the employees who work in department 89 or 63. Return emp\_idno, emp\_fname, emp\_lname and emp\_dept.

**Sample table: emp\_details**

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find those employees who work for the department where the departmental allotment amount is more than Rs. 50000. Return emp\_fname and emp\_lname.

**Sample table: emp\_department**

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

**Sample table: emp\_details**

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find the departments whose sanction amount is higher than the average sanction amount for all departments. Return dpt\_code, dpt\_name and dpt\_allotment.

**Sample table: emp\_department**

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

1. From the following tables write a SQL query to find which departments have more than two employees. Return dpt\_name.

**Sample table: emp\_department**

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

**Sample table: emp\_details**

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

1. From the following tables write a SQL query to find the departments with the second lowest sanction amount. Return emp\_fname and emp\_lname.

**Sample table: emp\_department**

DPT\_CODE DPT\_NAME DPT\_ALLOTMENT

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

57 IT 65000

63 Finance 15000

47 HR 240000

27 RD 55000

89 QC 75000

**Sample table: emp\_details**

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

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

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57