SQL Solved Assignments

4.Aggregation using functions

**Q 43**. Generate report showing total number of employees.

**Query**:

use employees;

select count(emp\_no) from employees;

**Result:**



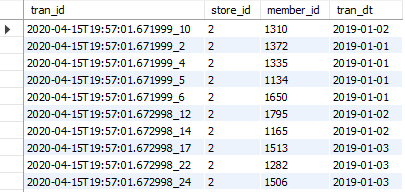
**Q 44**. Generate report showing total number of transactions at store 2.

**Query**:

use retail;

select \* from tran\_hdr where store\_id='2';

**Result:**

****

**Q 45**. Generate report showing average price for baked goods category.

**Query**:

use retail;

select AVG(price) from product where category='Baked goods';

**Result:**

****

**Q 46**. -- Generate report showing number of employees born in year 1960.

**Query**:

use employees;

select count(\*) as total from employees where year(birth\_date)='1960'

**Result:**

****

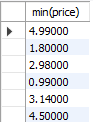
**Q 47**. Generate report showing min price for beverages category.

**Query**:

use retail;

select min(price) from product where category='Beverages' group by price;

**Result:**

****

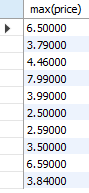
**Q 48**. -- Generate report showing max price for frozen category.

**Query**:

use retail;

select max(price) from product where category='frozen' group by price;

**Result:**

****

**Q 49**. Generate report showing total amount of sales for transaction date '2019-01-03'.

**Query**:

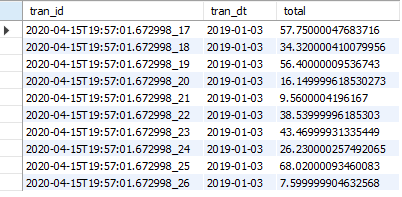
select tran\_id,tran\_dt,sum(amt)

as total from tran\_dtl

where tran\_dt='2019-01-03'

group by tran\_id;

**Result:**

****

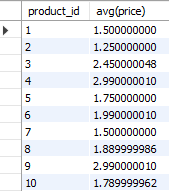
**Q 50**. Generate report showing average price of all products.

**Query**:

use retail;

select product\_id,avg(price) from product group by product\_id;.

**Result:**

****

**Q 51**. Generate report showing number of members.

**Query**:

select count(member\_id) from member;

**Result:**



**Q 52**. Generate report showing total number of employees.

**Query**:

use employees;

select count(emp\_no) from employees;

**Result:**

****

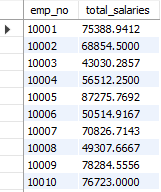
**Q 53**. -- Generate report showing total salary withdrawn by all employees.

**Query**:

use employees;

select emp\_no,AVG(salary) as total\_salaries from salaries group by emp\_no;

**Result:**



**Q 54**. Generate report showing average salary of employee.

**Query**:

use employees;

select avg(salary) as average\_salary from salaries;

**Result:**

****

**Q 55**. -- Generate report showing maximum salary withdrawn.

**Query**:

select max(salary) as maximum\_salary from salaries;

**Result:**

****

**Q 55**. Generate report showing minimum salary withdrawn.

**Query**:

select min(salary) as minimum\_salary from salaries;

**Result:**

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