**Aggregate Functions**

* **Write a query to display the average 8th hour unit consumption from electricity reading for all users.Give an alias name to the average 8th hour consumption as 'average\_8th\_hour\_consumption'.**

select avg(h1) as average\_8th\_hour\_consumption from electricity\_reading;

* **Write a query to display the average unit of electricity consumption for all the users.Give an alias name to the average units as 'average\_units\_of\_electricity'.**

select avg(totalamount) as average\_unit\_of\_electricity from bill;

* **Write a query to display the average payable amount from bill where payable\_amount is greater than 10000.Give an alias name to the average payable amount as 'average\_payable\_amount'.**

select avg(payableamount) as average\_payable\_amount from bill where payableamount>10000 ;

* **Write a query to display the average of fine amount, whose payment date is on the year 2018.Give an alias name to the average fine amount as 'average\_fine\_amount'.**

select avg(fineamount) as average\_fine\_amount from bill where year=2018 ;

* **Write a query to display the sum of payable amount from bill.Give an alias name to the sum of payable amount as 'sum\_payable\_amount'.**

select sum(payableamount) as sum\_payable\_amount from bill ;

* **Write a query to display the sum of payable amount with due date '2017-10-01'.Give an alias name to the sum of payable amount as 'sum\_payable\_amount'.**

select sum(payableamount) as sum\_payable\_amount from bill where due\_date= '2017-10-01' ;

* **Write a query to display the minimum total units consumed by all users from electricity reading table. Give an alias name to the minimum total units as 'min\_total\_units'.**

select min(totalunit) as min\_total\_unit from electricity\_reading ;

* **Write a query to display the second minimum fine amount from bill.Give an alias name to the second minimum fine amount as ‘second\_min\_fine\_amount’.**

select min(fineamount) as secound\_min\_amount from bill where (fineamount>(select min(fineamount) from bill));

* **Write a query to display the month and the minimum units of electricity consumed in each month. Give an alias name to the minimum units as 'minimum\_units'.**

select month,min(totalamount) as min\_unit from bill ;

* **Write a query to display the standard deviation of the fine amount, whose payment date is on the year 2018.Give an alias name to the standard deviation to the fine amount as 'standard\_deviation\_amount'.**

select stddev(fineamount) from bill where year=2008;