**Milestone : 2**

1.What is a correlated sub-query?  
a) An independent query that uses the correlation name of another independent query.  
b) A sub-query that uses the correlation name of an outer query.  
c) A sub-query that substitutes the names of the outer query.  
d) A sub-query that does not depend on its outer query’s correlation names.

ans : b

Explanation: A correlated sub-query is the one that uses the correlation name of an outer query.

2.Create a Agent Table and write sub query to obtain agentID, agent Name , Salary using average function.

create database AgentDB;

Use AgentDB;

CREATE TABLE Agent

(agtID int not null primary key,

agtName varchar(50)not null,

SSN bigint not null,

Salary float not null,

DepID int not null);

Insert Into Agent Values(1,'jenny',23456,35000.00,1);

insert into Agent values(2,'sunny',34566,35000.00,2);

insert into Agent values(3,'robert',45678,35000.00,3);

insert into Agent values(4,'rober',45678,35000.00,3);

select \*from Agent

update Agent set salary = 30000.00 where agtID = 1;

select \* from Agent where salary >30000

select max(salary)[max salary],min(salary)'min salary',avg(salary)'average salary' from Agent;

select AVG(Salary)from Agent

select agtID, agtName,Salary from Agent where salary >(select AVG(Salary)from Agent);