**/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/**

**/\* Name: Divya Pramasani Mohandoss \*/**

**/\* Class: CS6070 \*/**

**/\* Term: Fall 2020 \*/**

**/\* Assgn #: 4 \*/**

**/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/**

/\* A \*/ select \* from PROJECT

/\* B \*/ select ProjectID, Name as ProjectName, StartDate, EndDate from PROJECT

/\* C \*/ select \* from PROJECT where StartDate < '08-01-2008'

/\*D\*/ select \* from PROJECT where EndDate is NULL

/\*E\*/ select ProjectID,e.EmployeeNumber,LastName,FirstName,Phone from ASSIGNMENT as a join EMPLOYEE as e on a.EmployeeNumber = e.EmployeeNumber

/\*F\*/ select p.ProjectID, Name, p.Department,e.EmployeeNumber,LastName,FirstName, Phone from ASSIGNMENT as a JOIN EMPLOYEE as e on a.EmployeeNumber = e. EmployeeNumber join PROJECT as p on a.ProjectID = p.ProjectID

/\*G\*/ SELECT p.ProjectID, Name as ProjectName, d.DepartmentName, d.Phone as DepartmentPhone, e.EmployeeNumber, LastName, FirstName, e.Phone as EmployeePhone from ASSIGNMENT as a join EMPLOYEE as e on a.EmployeeNumber = e.EmployeeNumber join PROJECT as p on a.ProjectID = p.ProjectID join DEPARTMENT as d on p.Department = d.DepartmentName order by p.ProjectID

/\*H\*/ select p.ProjectID, Name as ProjectName, d.DepartmentName, d.Phone as DepartmentPhone, e.EmployeeNumber, LastName, FirstName, e.Phone as EmployeePhone from ASSIGNMENT as a join EMPLOYEE as e on a.EmployeeNumber = e.EmployeeNumber join PROJECT as p on a.ProjectID = p.ProjectID join DEPARTMENT as d on p.Department = d.DepartmentName where DepartmentName = 'Marketing'order by p.ProjectID

/\*I\*/ select count(\*) as Number\_Of\_Marketing\_Dept\_Projects from PROJECT where Department = 'Marketing'

/\*J\*/ select sum(MaxHours) as Total\_MaxHours\_For\_Marketing\_Dept\_Projects from PROJECT where Department = 'Marketing'

/\*K\*/ select avg(MaxHours) as Average\_MaxHours\_For\_Marketing\_Dept\_Projects from PROJECT where Department = 'Marketing'

/\*L\*/ select Department, count(\*) as Number\_Of\_Dept\_Projects from PROJECT group by Department