ER Diagram Exercise 1

1.Find out the entity type

Employe (Fname,minit,Lname,Bdate,name,Adderss,sex,salary,Ssn)
Department(name,number, locations, number of employee the department)
Project(Entity have name, number, locations)
Dependent (name, sex,birth_date, relationship)

2.Find out the relationships
works _for
Controls
works on
Manages
Dependents_of
Supervision

3.Describe the ER Diagram in words

Employee are 4 entity have Fname,Minit,Lname,Bdate,Name,Adderss,Sex,Salary,Ssn the
employee. derived attributes are Bdate,adders sex salary.Ssn is the .Composite attributes are
Name.Department are entity have name,number, locations, number of employee the
department.Project Entity have name, number, locations.Number is primary value
Name is single value attributes.Dependent have name, sex,birth_date, relationship.
Many employee works _for one department.One departments controls many project.
Many project works on many employee.One employee manages one department.
One employee dependents_of many Dependent.One supervisor supervision many supervisee.