1. Create .net console application project and create the following classes:

*Department*

1. Create public class Department
2. Create private properties
   1. DepartmentNo – int
   2. DepartmentName – stirng
3. Crete public constructor for Department class
   1. Fill the DepartmentNo and DepartmentName form constructor paramters
4. Create public method returning a string – GetDepartmentDetails
   1. Return a string that tells the number and name of department

*Employee*

1. Create public class Employee
2. Create public properties
   1. EmployeeId – int
   2. EmployeeName – stirng
   3. Department - *Department*
3. Create public method returning a string – SayName
   1. Return a string that says “My Name is:” and employee name
4. Create public method returning a string – DoWork
   1. Return a string that says “I am doing work”;

*Manager*

1. Create public class Manager
2. Inherit Manager form *Employee*
3. Create public property
   1. IsManager – bool
   2. Only allow *get* value, no one should be able to *set* the value from out side
4. Create public constructor
   1. Set IsManager property to true

*Executive*

1. Create public class Executive
2. Inherit Executive form *Employee*
3. Create public property
   1. IsExecutive – bool
   2. Only allow *get* value, no one should be able to *set* the value from out side
4. Create public constructor
   1. Set IsExecutive property to true
5. In the Main method of the console application create following objects
6. Create object of *Department*
   1. Pass department name and number in constructor
7. Create *Manager* object called *manager*
   1. Set employee id
   2. Set employee name
   3. Set above created department
8. Create *Executive* object called *executive*
   1. Set employee id
   2. Set employee name
   3. Set above created department
9. Create Employee object called employee
   1. Set employee id
   2. Set employee name
   3. Set above created department
10. Print the following on the console:
    1. manager
       1. manager say name
       2. manager is manager
       3. manager department details
       4. manager do work
    2. executive
       1. executive say name
       2. executive is executive
       3. executive department details
       4. executive do work
    3. intern
       1. intern say name
       2. intern department details
       3. intern do work