1. Create an Abstract class Student with Name, StudentId, Grade as members and also an abstarct method Boolean Ispassed(grade) which takes grade as an input and checks whether student passed the course or not.

Create 2 Sub classes Undergraduate and Graduate that inherits all members of the student and overrides Ispassed() method

For the UnderGrad class, if the grade is above 70.0, then isPassed returns true, otherwise it returns false. For the Grad class, if the grade is above 80.0, then isPassed returns true, otherwise returns false.

2. Create an Employee class with Empid int, Empname string, Salaryperhour float. Pass values to the members through Constructor.

Create a derived class called ParttimeEmployee with hoursofworking as a data member. Instantiate the base class through the derived class constructor

Create a Method called Calculate Salary() based on hoursofworking

3.Create an Interface called ICar which contains the following methods break(),Engine().

Create a car company called Benz which implements ICar interface and it also has the method called BenzFunctionality()

, Toyota implements ICar interface and it also has the method called ToyotaFunctionality()