Exercise2

Write a program named SalespersonDemo that instantiates objects using classes named RealEstateSalesperson and GirlScout. Demonstrate that each object can use a SalesSpeech() method appropriately. Also, use a MakeSale() method two or three times with each object and display the final contents of each object’s data fields. First, create an abstract class named Salesperson. Fields include first and last names; the Salesperson constructor requires both these values. Include properties for the field. Include a method that returns a string that holds the Salesperson’s full name- the first and last names separated by a space. Then perform the following tasks:

* Create two child classes of Salesperson: RealEstateSalesperson and GirlScout. The RealEstateSalesperson class contains fields for total value sold in dollars and total commission earned (both of which are initialized to 0), and a commission rate field required by the class constructor. The GirlScout class includes a field to hold the number of boxes of cookies sold, which is initialized to 0. Include properties for every field
* Create an interface named ISellable that contains two methods: SalesSpeech() and MakeSale(). In each RealEstateSalesperson and GirlScout class, implement SalesSpeech() to display an appropriate one- or two- sentence sales speech that the objects of the class could use

In the RealEstateSalesperson class, implement the MakeSale() method to accept an integer dollar value for a house, add the value to the RealEstateperson total value sold, and compute the total commission earned.