Quiz 1 – Section 2

1. Write an abstract class named Shape. It will only have an abstract function area that doesn’t take any parameter and returns an integer value.
   Complete the partially given Rectangle class which should be a child of Shape class.

```csharp
// write shape class here

abstract class Shape
{
    abstract int area();
}

// define Rectangle class here

class Rectangle
{
    private int length;
    private int width;
    public Rectangle( int a=0, int b=0)
    { length = a; width = b; }

    // implement area function here

    int area ()
    { Console.WriteLine("Rectangle class area :"); return (width * length); }
}
```

2. Assume in your windows form application you have two textboxes named T1 and T2. Write an event for T1 such that when text of T1 is changed, text of T2 should write the same thing two times.
   Ex. if you write “cat” to T1, T2 should display “catcat”