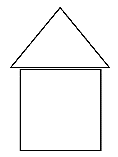
Write a program that prints the area of different shapes(square, rectangle, circle, triangle, house) with the help of sub-functions. The user will enter the shape('S' or 's' for square, 'R' or 'r' for rectangle, 'C' or 'c' for circle, 'T' or 't' for triangle, 'h' or 'H' for house) and your sub-functions will ask the user to enter the required inputs according to the selected shape.

You should have the following functions.

* **Main** function: read shape, call related sub-function, and print area
* **Circle** function: read required inputs, calculate circle area and return result
* **Square** function: read required inputs, calculate square area and return result
* **Rectangle** function: read required inputs, calculate rectangle area and return result
* **Triangle** function: read required inputs, calculate triangle area and return result
* **House** function: this function should call **triangle** and **square** functions and get the sum of results to calculate the house area. Then it will return the result. 
* Program should end when x or X is entered for shape input.
* Print an error message if the shape input is not in this list(s,S,h,H,T,t,c,C,r,R).

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**Example output:**

Enter Shape: C

Enter Radius of the circle: 4.3

**Area of the circle=58.05**

Enter Shape: p

**Wrong input. Try again!**

Enter Shape: h

Enter height of the triangle: 20

Enter floor of the triangle:10

Enter width of the Square:8

**Area of the house = 164**

Enter Shape: R

Enter the first width: 9.1

Enter the second width: 6

**Area of the rectangle = 54.6**

Enter shape:x