# Area Calculator

Python is especially useful for doing math and can be used to automate many calculations. In this project, we'll create a calculator that can compute the area of the following shapes:

* Circle
* Triangle

The program should do the following:

1. Prompt the user to select a shape.
2. Calculate the area of that shape.
3. Print the area of that shape to the user.

Let's begin!

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| """  we'll create a calculator that can compute the area of the following shapes:  Circle  Triangle  The program should do the following:  Prompt the user to select a shape.  Calculate the area of that shape.  Print the area of that shape to the user.  """  print "Starting the calculator"  option = raw\_input ("Enter C for Circle or T for Triangle:")  if option == 'C'or option =='c':  radius = float(raw\_input("Please input the radius:"))  pi = 3.14159  area = pi \* radius\*\*2  # area = π r²  print "The area is %f." % (area)  elif option == 'T'or option =='t':  base = float(raw\_input("Please input the base:"))  height = float(raw\_input("Please input the height:"))  area = base \* height \* 0.5  # area = ½ b h  print "The area if %f." % (area)  else:  print "Error! Please enter an invalid shape."  print "The program is exiting." |