Area Calculator

Objective:

Using the input of the user, calculate the total area of a shape.

Complexity level:

* Easy

Scenario:

* John Doe is a student.
* The student wants to calculate the area of a shape for his math homework.
* John Doe is calculating how much mulch he needs to cover an AxB dimension plot of land.

Problem statement

1. Write an algorithm to calculate the area of a circle (taking the input of the user for the radius).
2. Write an algorithm to calculate the area of a square.
3. Write an algorithm to calculate the area of a Triangle.
4. Write an algorithm to calculate the area of a rectangle.

Expectation outcomes:

Practice gathering user input and calculating simple mathematical functions.

Reference URL:

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