

Python Core

Training Assignments

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| Program Code |  |
| Issue/Revision | x/y |
| Effective date | 26/Jun/2023 |

**Assignment Day 06\_07**

1. Write a program that defines a shape class whose constructor gives the values of width and length. Then define two subclasses triangle and rectangle. These two sublayers calculate the area of the figure. In the main class, define two variables triangle and rectangle. Then call the area() function in these two variables.
2. Write a parent program with an inherited subclass. Both must have a void display() method to print a message (mother and child messages are different). In the main body, define the subclass and call the display() method based on the subclass.
3. Write a program with the parent class animal. In this program, define variables name, age and function set\_value(). Then create two basic variables Zebra and Dolphin to write a message announcing the name and other information (such as origin).