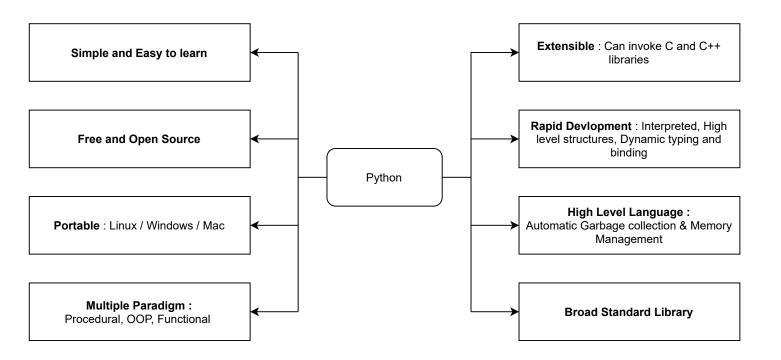
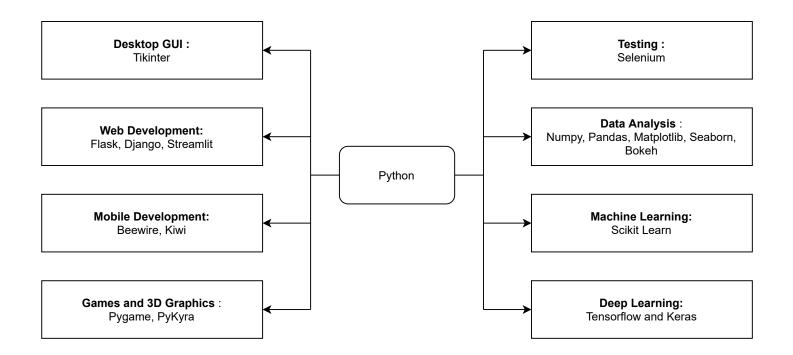
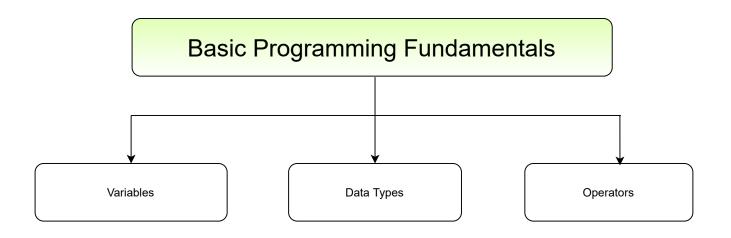


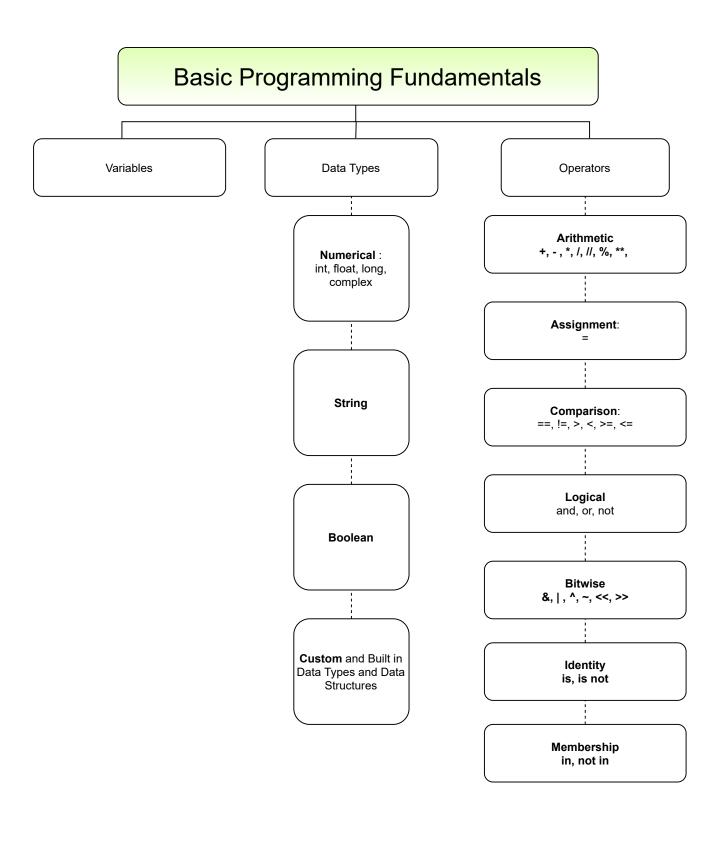
Python Features

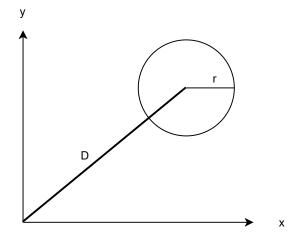


Python Applications



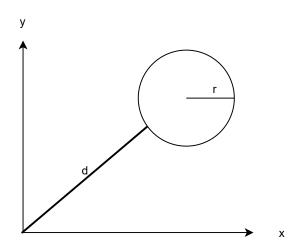




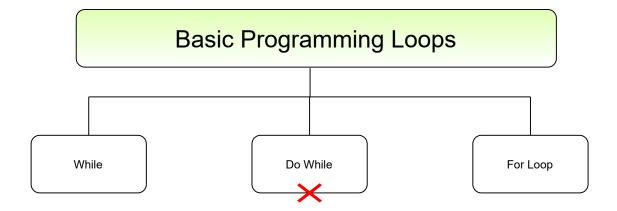


Calculate

Area Perimeter D d

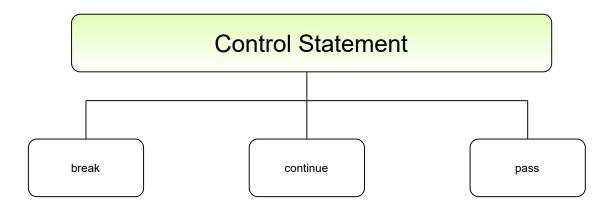


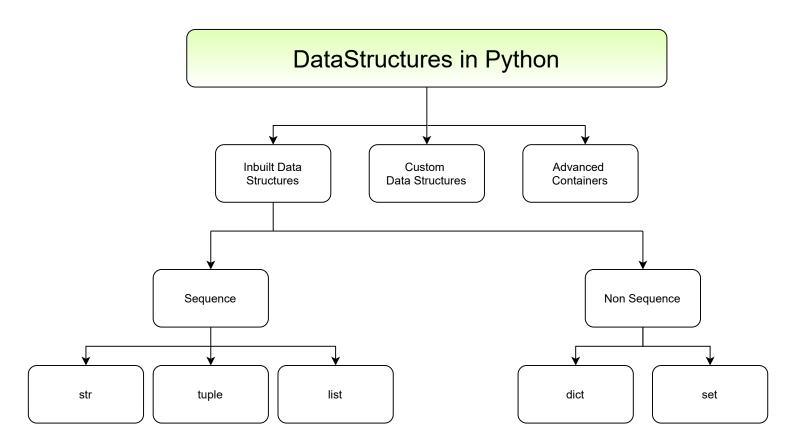
Control Flow



Uses:

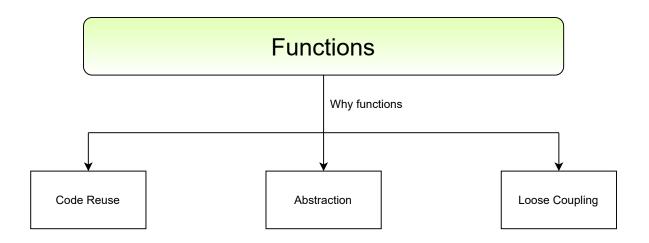
- Do while is not available in Python but can be implemented using a simple trick
- Use while loop when you don't know the excat number of iterations to do
- Use for loop when you know the exact number of iterations to do





Importance of Data Structures

Comprehension



Function Structure

Name

0 or More Parameters Variable Parameters - *args / **args

Optional Docstring

Body / executable code

1 return

Notes

Functions are not run in the program until they are called or invoked

Formal vs Actual parameter

Print vs Return

Global Scope vs Function Scope

None is returned if there are no return in function

Parameter for a function can be another function

Importance of dict & set for search