

Intro to OOPS

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TYPES OF PROGRAMMING

1. PROCEDURAL PROGRAMMING
2. OBJECT ORIENTED PROGRAMMING

Procedural Programming

Programming paradigm based on the concept of procedure call

FORTRAN, ALGOL, COBOL,
BASIC, Pascal and C.

Object Oriented Programming

Programming paradigm based on the concept of objects and classes

JAVA, PYTHON, C++ etc.

Know the concepts

FUNCTIONS

a set of instructions that perform a task.

CLASSES & OBJECTS

A class is a user defined blueprint or prototype from which objects are created.

METHODS

a set of instructions that are associated with an object.

PILLARS OF OOPS

ENCAPSULATION & ABSTRACTION

Encapsulation refers to the bundling of data with the methods that operate on that data, or the restricting of direct access to some of an object's components

INHERITANCE

Inheritance is the mechanism of basing an object or class upon another object or class, retaining similar implementation.

POLYMORPHISM

Polymorphism is the provision of a single interface to entities of different types or the use of a single symbol to represent multiple different types.

Assignment Discussion

DOUBTS?

Ask the Queries & Doubts!

