

2. What is OOP ? List OOP concepts .

- Object-oriented programming seeks to incorporate real-world concepts such as inheritance, encapsulation, polymorphism, and more into programming. The primary goal of OOP is to combine data and the methods that manipulate that data into a single unit, ensuring that no other part of the code can access the data except through these methods.

OOPS Concepts :

- Class
- Objects
- Data Abstraction
- Encapsulation
- Inheritance
- Polymorphism
- Dynamic Binding
- Message passing

3. What is the difference between OOP and POP?

- Object-Oriented Programming (OOP) and Procedural-Oriented Programming (POP) are two fundamental programming philosophies that take contrasting approaches to software development.

OOP	POP
<ul style="list-style-type: none">- It is top to down approach-- It concentrated on function rather than functions.-- In POP data user globally.- Due to global data, it is less- Example: C,BASIC,COBOL,FORTRAN	<ul style="list-style-type: none">- It is a bottom-up approach-- It concentrated on data rather-- Data is used by a associated function within the class.- It is more secured language because external function can't access another data.- Example: C++,JAVA,VISUAL BASIC,

| PYTHON,PHP
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