



Intro oops

↳ Programming Paradigms

1. Procedural → C, SQL
2. Declarative → HTML, SQL
3. Object oriented → Java, C#, Python, C++
4. Functional → Haskell, Scala
5. Reactive → Java

1. Procedural Programming: The Program is divided into small parts called as functions/methods.

```
f1()  
f2()  
f3()  
main()
```

→ In oops, it is done by objects.

↓
divide your code into chunks



↳ OOPS

↳ classes and objects

↳ Abstraction

↳ Encapsulation

↳ Polymorphism

↳ Inheritance

↳ method overloading, method overriding

↳ Access modifiers

↳ Interfaces



AlgoPrep