## 1 Divide & Conquer

- Break problems into small, manageable tasks

- Designed to solve a kind of

task rather than a singular

# Each object knows how to solve its task and has the infort needs

# 6 Extensibility

- To carry out more specialized tasks

#### Benefits of OOP

6 Generality

task

- 1 Save development time and cost by reusing code
- 2 Easier debugging

### 3 Public Interface

- Present a clear public interface that determines how other objects will be used

#### @ Abstraction

- Focus only on those attributes that are essential for solving a particular problem

## ( Information Hiding

- Shield its users from unnecessary details of how it performs its role