

## OOPS POLYMORPHISM

[0] Polymorphism means many forms.

Poly = Many

Morph = Forms.

[0]

Ability of an object to behave differently.

→ Methods

```
public void test ()  
{
```

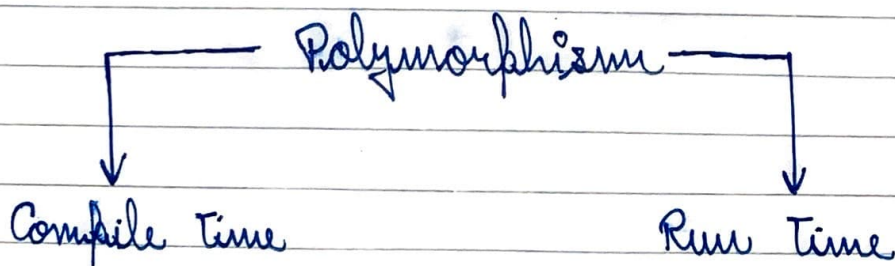
→ Method name with arguments, return types and modifiers

/// Body of the method

[Functionality]

```
}
```

[0]



[Object is bound with their functionality at the compile-time]

[Object is bound with their functionality at the run time]

• Overloading

• Overriding

[•]

Polymorphism allows us to perform a single action in different ways.

In another words, polymorphism allows you to define one interface and have multiple implementations.

The word "poly" means many and "morphs" means forms, so it means many forms.

[•]

There are two types of Polymorphism

- Compile-time Polymorphism
- Run-time Polymorphism.