

POLYMORPHISM

“**Poly**” means **MANY** and **Morph** means “**Take Different Forms**”

It is an OOP **technique** that utilizes **inheritance** to create 1 class and make several classes inherit from that class so that it can take many forms.

USING Polymorphism

```
class Animal
{
    void makeSound()
    {
        //Sound
    }
}

class Dog extends Animal
{
    void makeSound()
    {
        //Arf
    }
}

class Cat extends Animal
{
    void makeSound()
    {
```

```
//Meow
```

```
}
```

```
}
```