

Homework3 week4

Task1

Explain the advantage and disadvantage of multiple inheritance.

Write a PHP program to demonstrate that.

Answer

Explain the advantage and disadvantage of **multiple inheritance**.

Multiple inheritance is the process where a subclass can be derived/inherited from more than one super-class.

Advantage	Disadvantage
Sub-class can inherit the functionality of more than one base class(parent-class)	Sub-class can lead to a lot of confusion when two base classes(parent-classes) implement a method with the same name.

Write a PHP program to demonstrate that.

```
class Parents
{
    public function example()
    {
        echo "Hello";
    }
}
trait Mother
{
    public function examplem()
    {
        echo "\t Meow <br/>";
    }
}
trait Father
{
    public function examplem()
    {
        echo "\t Meow <br/>";
    }
}

class Child extends Parents
{

```

```
use Mother;
public function MultipleInheritance()
{
    echo "how are you meow meow? <br/>";
}
}
$check = new Child();
$check->example();
$check->examplem();
$check-> MultipleInheritance( );
?>
```