FACULTY OF ENGINEERING, RUPP

COURSE: WEB AND CLOUD TECHNOLOGY PART II

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Explain the advantages and disadvantage of multiple inheritance. Write a PHP program to demonstrate that.

Multiple inheritance is one of the best property of the object-Oriented Programming Language like PHP in which subclass or class can inherit/inherits the properties of the multiple superclasses or multiple parent classes. PHP programming language doesn't even support the multiple inheritance/ inheritances. PHP supports multiple inheritances only by using interfaces or Traits in PHP instead of classes so that we can implement.

```php
<?php
// Class Kimleng
class Kimleng {
public function hello() {
echo "Hello my name:";
}
}
// Trait for Kimleng
trait forKimleng {
public function kimleng() {
echo " Thy";
}
}
class Sample extends Kimleng {
use forKimleng;
public function thykimleng() {
echo "\nKimleng";
}
}
$test = new Sample();
$test->hello();
$test->kimleng();
$test->thyKimleng();
?>
```

Output:

Hello my name: Thy Kimleng