

Object Oriented Design Patterns
Lab sheet in own time – Week 1 (Objects Revision)

1. Get the code on Moodle up and running and comment important code in relation to polymorphism in your own words.
2. The following are some examples of classes:

Vehicle:

Attributes: Colour, Type, Engine Size, Net Price

Method: VRT -> Net Price * .21

Car:

Attribute: Number of Doors

Motorbike:

Attribute: Carrier (Y/N)

Method: VRT -> Net Price *.13

Note:

The car inherits details from the vehicle and the motorbike inherits details from the car.

Write applications to create the above 3 classes.

Write a test program to display the VRT of the car and the motorbike.

Upload this lab on Moodle before your submission close off next week. LATE SUBMISSIONS WILL NOT BE ACCEPTED unless you have a valid reason.

NOTE:

Create a folder for each weeks work and store these folders in your OODP folder.