# Week 3 - Inheritance 2

1. What are the parent and child classes here?

Spell is the parent class. Accio and Confundo are child classes.

2. What are the base and sub-classes?

Spell is the base class. Accio and Confundo are sub-classes.

3. What is the output from this code?   Try without running if you can.

Accio

Summoning Charm Accio

No description

Confundus Charm Confundo

Causes the victim to become confused and befuddled.

4. When study\_spell(Confundo()) executes...what get\_description method gets called and why?

The Confundo get\_description method is called because the object is instantiated without inheritance from the Spell class. The get\_description method in the Confundo class is therefore the only available method by that name for the object.

5. The statement print Accio() needs to print ‘This charm summons an object to the caster, potentially over a significant distance’)? Write down the code that we need to add and/or change.

A get\_description method could be added to the Accio class as such:

def get\_description(self):

return 'This charm summons an object to the caster, potentially over a significant distance'