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SWDV 630 – OO Software Architecture

Week 3 Assignment – Inheritance 2

1. Spell is the parent class, Accio and Confundo are the child classes.
2. Same as question 1, Spell is the parent class, Accio and Confundo are the subclasses.
3. The output from this code would be the following:
   * Accio
   * Summoning Charm Accio
   * No description
   * Confundus Charm Confundo
   * Causes the victim to become confused and befuddled.
4. The get\_description located as a method of the Confundo class gets called. This is because when study\_spell is instantiated, we also declare that it’s a Confundo spell. Confundo inherits all the attributes from the spell class as well because Spell is included as an argument when instantiating a Confundo object. So the get\_description under the Confundo class is the one it uses.
5. As you can see in the updated Python file, we can add a get\_description method under the Accio class, same as the Spell and Confundo classes, that returns the appropriate string.