[10 MARKS]

This question includes several small short-answer questions. Use any editor to type your answers, and save them in a file called Qxx-answers.txt. Hand in this file on MarkUs.

Part (a) [3 MARKS]

Suppose we have an abstract class called `Monster` with two implemented methods (an initializer, and a method called `play`) and one abstract method called `learn`. Suppose `Monster` has two subclasses: `Godzilla` and `Werewolf`.

1. Write 1-3 lines of client code that **clearly demonstrates polymorphism**. (You can assume that each method has one parameter, which is a string.) State the exact expression that is polymorphic in your code.

   Solution:

```
monsters = [Godzilla('Herman'), Werewolf('Wolfgang')]

for m in monsters:
    m.play('ball')  # m.learn('ball'), or similar, also works

# m.play('ball')is polymorphic (or, m.learn('ball'), if used)
```