Answer one of the following questions for full credit for this assignment. Your solution should be less than fifty words. Place your questions in the “Answer” section below. Be certain to number your answers with the same number that is associated with the question.

1. Provide an example of combining objects.
2. What is inheritance and what are its major benefits?
3. What is meant by extending a class through inheritance?
4. Why would a programmer override an inherited method?
5. Describe three benefits of creating your own modules.

ANSWERS:

5.

By creating modules you can easily resuse code, which saves time. You also break the program up into logical modules, so large programs become easier to manage. Finally, you can easily share your code with others, who can import your module and use it like any other python module.