**Short Answer:**

1. Encapsulation involves having data and methods in the same class.
2. Data hiding allows manipulation of data only through the object and nowhere else. This keeps the data from being updated or changed outside which could result in errors later on.
3. A class resides on disk where as an instance resides in memory.
4. Method name: get\_dollar(); Name of Object: wallet
5. It lets the interpreter know that this method belongs to the class.
6. To hide an attribute use double underscores in front of the variable name.
7. str(instance\_name) or instance\_name.\_\_str\_\_()

**Algorithm WorkShop:**

1. See file Ch10\_a2

**Programming Exercises:**

1. See attached file Ch10\_1
2. See attached file Ch10\_2
3. See attached file Ch10\_3
4. See attached file Ch10\_4