You can find multiple choice review questions in D2L under: `Assessments->Quizzes`

For all questions, unless otherwise specified assume that there are no syntax errors in any programs or program fragments.

Non-multiple choice questions

Short answer 1 (conceptual question):

JT's hint: Before looking at the answer make a real attempt at providing an answer. If you are drawing a blank then it indicates that you need to study the material from lecture as well as looking at the in class notes that you should be taking as you are following along in class. You will get far more out of the process if you try it out as if you were writing an actual exam question rather than just directly looking at the answer.

This is an error that violates the rules of specifying instructions in a programming language (the syntax).

Examples:

- **Referring to a memory location before it has been defined. Mismatched or missing quotes or brackets.**
- **Calling a non-existent function or using an operator that doesn't exist in the language.**

Short answer 2 (code writing):

JT's hint: Before looking at the answer make a real attempt at providing an answer. If you are drawing a blank then it indicates that you need to study the material from lecture as well as looking at the in class notes that you should be taking as you are following along in class. You will get far more out of the process if you try it out as if you were writing an actual exam question rather than just directly looking at the answer.

Version 1:

```
print("ALL LEFT ALIGNED")
print("%-11s %-35s" %("Galaxy name", "Approximate distance in light
   years"))
print("%-11s %-35s" %("Canis Major", "25,000"))
print("%-11s %-35s" %("Segue 1", "75,000"))
print("%-11s %-35s" %("Andromeda", "2,500,000"))
print()
```

Version 2:

```
print("ALL RIGHT ALIGNED")
print("%11s %35s" %("Galaxy name", "Approximate distance in light
   years"))
print("%11s %35s" %("Canis Major", "25,000"))
print("%11s %35s" %("Segue 1", "75,000"))
print("%11s %35s" %("Andromeda", "2,500,000"))
print()
```

Version 3:

```
print("COLUMN 1 RIGHT ALIGNED, COLUMN 2 LEFT ALIGNED")
print("%11s %-35s" %("Galaxy name", "Approximate distance in light
  years"))
print("%11s %-35s" %("Canis Major", "25,000"))
print("%11s %-35s" %("Segue 1", "75,000"))
print("%11s %-35s" %("Andromeda", "2,500,000"))
print()
```