Starter – answers

The syntax for a list is like this:

list1 = [“item1”, “item2”, “item3”, “item4”, “item5”]

The items within a list can be any data type, but if they are strings you need to indicate this with “speech marks”.

1. **Which of the following is the correct syntax for a simple list of integers?**
2. list1 = (1, 2, 3, 4)
3. list1 = [1 2 3 4]
4. **list1 = [1, 2, 3, 4]**
5. list1 = 1, 2, 3, 4

A list can even contain different data types

list2 = ["John", 17, True, 1.8, "male"]

1. **Which of the following is the correct syntax for a list?**
2. list2 = (Serena, 15, False, 1.7, “female”)
3. **list2 = [“Rebecca”, 15, False, 1.67, “female”]**
4. list2 = {Josie, 20, True, 1.5, “female”}
5. list2 = Kate, 18, False, 1.55, “female”

In a previous lesson we looked at using for loops. You can use a for loop to print the contents of a list. Like this:

fruit = [“apple”, “banana”, “kiwi”, “melon”, “banana”]

for item in fruit:

print (item)

**3. Write a 5 item basics shopping list and a short program which prints it out:**

shopping\_list = [“milk”, “bread”, “butter”, “chocolate”, “toothpaste”]

for item in shopping\_list:

print (item)