

day35 list practice

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Today we're going to do several things with lists. Create a program in repl. Name it day35 list practice.

1. Create a list called **classes** that contains your classes at Analy using a single line of code. You'll start with `classes = []` then put your classes between the square brackets. Don't forget to put your classes in quotes and to put a comma between each class. So if you had two classes it would look like this:

```
classes = ["Foods 1", "English"]
```

2. Print the list using `"print(classes)"`.

3. Print the list again, this time using a for loop. You can say `"for x in classes:"` then `"print(x)"` to do this. Each class will print on its own line and you won't get any of the quotes or square brackets.

4. Sort the class list. You do this by saying `"classes.sort()"` on a line by itself.

5. Pretend Analy is going to require you to take one more class. Make up a class name and append it to your list using an append call. This would be like this:

```
classes.append("new class name here")
```

6. Print the list again with a for loop, this time printing all of the classes on a single line, with an asterisk between each class. You'll need to use the `"end="` functionality we learned when we learned about columns. It will look like this:

```
for x in classes:  
    print(x, end=" * ")  
print()
```

7. Make a new list called **scores** and put at least 8 made-up test scores into it. These will be integers, not things in quotes. Do this on one line. Print the scores using a for loop so that they all print on a single line with a space between each score. Put a `print()` call after the for loop.

8. Print the test score average. You can add up all of the scores using the `sum` command, like this:

```
total = sum(scores)
```

Then divide by how many scores there are using the `len(scores)` command.

Sample run:

```
['Computer Programming', 'Project Make', 'AP Comp Sci']  
Computer Programming  
Project Make  
AP Comp Sci  
AP Comp Sci * Computer Programming * Project Make * Dog training and obedience *  
75 87 48 92 72 98 78 99 100 68 87 88 93 89  
Average score: 83.85714285714286
```

I posted a video [here](#) where I do the entire thing. Refer to that if you need help. Good luck!