

Announcements

Reminder

- Program 8 - due Sunday, November 17th

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Parallel Lists

Parallel lists are two or more lists of the same length, where there is a relationship between list1[p] and list2[p] (for any index/position p.)

	0	1	2
list1 =	"hello"	"my"	"friend"
list2 =	"ahoy"	"me"	"matey"

Using Parallel Lists

```
students = []
grades = []
keep_going = 'Y'
while (keep_going == 'Y'):
    student = input("Enter student's name: ")
    grade = input("Enter the student's grade: ")
    students.append(student)
    grades.append(grade)
    keep_going = input("Would you like to enter another student/grade? (Y or N) "

print(students)
print(grades)

    Enter student's name: Mary
    Enter student's grade: 99
    Would you like to enter another student/grade? (Y or N)Y
    Enter student's name: Dave
    Enter the student's grade: 78
    Would you like to enter another student/grade? (Y or N)Y
    Enter student's name: Kate
    Enter the student's grade: 86
    Would you like to enter another student/grade? (Y or N)Y
    Enter student's name: Todd
    Enter the student's name: Todd
    Enter the student's prade: 92
    Would you like to enter another student/grade? (Y or N)N
    ['Mary', 'Toave', 'Kate', 'Todd']
    ['199', '78', '186', '92']
```

Using Parallel Lists with Files

Talk Like a Pirate Lab

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