

4.2_JakeDineen

July 31, 2018

```
In [2]: #4.2 Functions and Documentation Strings
        #Jacob Dineen
        #Scripting for Data Analysis

        #Exercise 1
        def fred():
            print ("Zap")
        def jane():
            print ("ABC")

        jane()
        fred()
        jane()
```

ABC
Zap
ABC

Answer: d) ABC Zap ABC

Explanation: We are defining the functions fred and jane and then calling them in the sequence: jane, fred, jane, so we'll get the outputs of each of those function in the order in which they were called.

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In [19]: #Exercise 2

        hours = int(input('Enter Hours: '))
        rate = int(input('Enter Rate: '))
        def paycompute(hours, rate):
            if hours <= 40:
                pay = hours * rate
                print('Pay : {}'.format(pay))
            elif hours > 40:
                pay = (40 * rate) + ((hours -40) * (rate*1.5))
                print('Pay : {}'.format(pay))

        paycompute(hours, rate)
```

Enter Hours: 45
Enter Rate: 20
Pay : 950.0