



## Sharpen your pencil

### Look how easy it is to write Python

You don't know Python yet, but we bet you can make some good guesses about how Python code works. Take a look at each line of code below and see if you can guess what it does. Write in your answers below. If you get stuck, the answers are on the next page. We did the first one for you.

```
customers = ['Jimmy', 'Kim', 'John', 'Stacie']
```

Make a list of customers.

```
winner = random.choice(customers)
```

```
flavor = 'vanilla'
```

```
print('Congratulations ' + winner +  
      ' you have won an ice cream sundae!')
```

```
prompt = 'Would you like a cherry on top? '
```

```
wants_cherry = input(prompt)
```

```
order = flavor + ' sundae '
```

```
if (wants_cherry == 'yes'):  
    order = order + ' with a cherry on top'
```

```
print('One ' + order + ' for ' + winner +  
      ' coming right up...')
```

#### Python Output

```

Congratulations Stacie you have won an ice cream sundae!
Would you like a cherry on top? yes
One vanilla sundae with a cherry on top for Stacie coming
right up...

```

This should help; it's the output of this code. Do you think this code has the same output every time you run it?