



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']
```

```
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...')
```

Make a list of customers.

Choose one customer **randomly** and put the value as **winner**.

Set a **variable** named **flavor** to the text **vanilla**.

**Printing Congratulations**, Name of the winner which was chosen randomly as **winner** and **you have won an ice cream sundae!**

Set another **variable** named **prompt** to the text **Would you like a cherry on top?**

Set **wants\_cherry** as **input**. User would be ask to give the input .

Set a **variable** named **order** contains **flavor** (declared before as vanilla) and sundae.

Set up a **condition** that if user give **input** as **yes**, order variable will add with a cherry on top.

**Printing** , One selected **order(flavor and details)** for **winner's** (name) is 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?