

# Arguments

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Python

How do we take input  
using Discord Commands?

# Python Slicing

Slicing will help us split Strings up into chunks

First we must index our strings.

“I love pizza”

Character	I		L	O	V	E		P	I	Z	Z	A
Index	0	1	2	3	4	5	6	7	8	9	10	11

Here, our string has been indexed by number

# String Slicing

We can slice Strings by using the code below

```
String[start, end]
```

We choose a starting location

We choose and end (doesn't include that end number)

# Slicing Example

An example of how to slice a String

Character	I		L	O	V	E		P	I	Z	Z	A
Index	0	1	2	3	4	5	6	7	8	9	10	11

```
x = "I Love Pizza"
```

```
y = x[3:8]
```

```
y = "ove P"
```

This starts at position 3 and ends at position 8 (not including)

# Slicing Example - Just start

An example of how to slice a String

Character	I		L	O	V	E		P	I	Z	Z	A
Index	0	1	2	3	4	5	6	7	8	9	10	11

```
x = "I Love Pizza"
```

```
y = x[4]
```

```
y = "ve Pizza"
```

This starts at 4 and goes to the end.

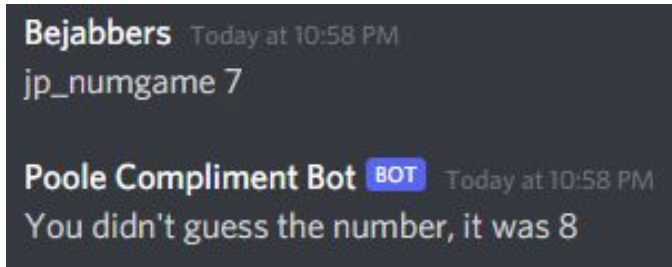
# Slicing Commands

From this, we get messages for Discord!

**`message.content`**

We can slice up `message.content` for more data!

Example here is a number guessing game!



# Lab - Arguments

1. Create a basic coin flipping guesser
2. Commands should look like "jp\_flip heads"
3. Two options will be given
  - a. Heads to bet that heads will win
  - b. Tails to be that tails will win
4. Flip a coin and tell the user what the outcome was!