

Programming Basics

Operations

split()

Using Split

- We want to look at single words from a whole text.
- In Python, we use `split()` on a string to do that.
- By default, `split()` will split the string into a list of strings with spaces as the points to split on.



```
text = "Computer Science is my favorite Subject"  
words = text.split()  
print(words)
```

```
['Computer', 'Science', 'is', 'my', 'favorite', 'Subject']
```

Practice

- Store your own sentence in a string. Save all the words as separate strings in a list called `words`

Number Operations

DISCUSSION

- How do you think we could count the number of positive words in a sentence?

DISCUSSION

- What do you expect this to print?

```
my_num = 3 + 5  
print(my_num)
```

DISCUSSION

- What do you expect this to print?

```
my_num = 2  
new_num = my_num + 4  
print(new_num)
```


DISCUSSION

- What do you expect this to print?

```
mynum = 2
```

```
mynum = mynum + 4
```

```
print(mynum)
```

Practice

Write a program that

- Creates a variable, set to a numeric value
- Adds to that value
- Saves it back in the same variable.