

# Programming Basics

## String Operations

# Vocabulary

- **Substring:** part of a string (like a subsequence)
  - Example: “ar” is a substring of “heart”
- In Python, to check if a string is a substring of another string, you use the keyword `in`.

# ACTIVITY SLIDE

Use in like this:

```
if "ar" in "heart":  
    print("ar is a substring of heart")
```

# ACTIVITY SLIDE

Write a program that:

1. Saves a string in a variable
2. Checks if a word associated with positivity is in that string
3. Prints “This sentence is positive” if there is a positive word in that string
4. Prints “This sentence is negative” otherwise