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## Overview

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**Learning Objectives**

Upon successful completion of this lesson, you will be able to:

- Provide access from client software, such as a web browser, to your Python code.
- Design and write an API

## New Words, Concepts, and Tools

- Application Programming Interface (API)
- Flask and its associated tools

## Prerequisites

To be successful in this lesson you will need to be very familiar with the following concepts, covered earlier in the class:

1. Object oriented development
2. Automated testing

## Before you Start

Read the following articles and book chapters in preparation for this lesson.

### Required Reading

- Review the Quick start section of the Flask web site at https://flask.palletsprojects.com/quickstart/

### Optional Reading

- Explore the Flask web site more generally at https://flask.palletsprojects.com/ and familiarize yourself with how to find content
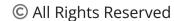
## Suggested Workflow

- Explore the "Before you Start" readings and video
- Work through the lesson content pages
- Watch the required videos
- Do the practice activity
- Submit your assignment

## At the End of the Lesson

What material in this lesson do you still feel unclear about? Please use the discussion forum for this lesson to describe any concepts or ideas you've struggled with this week. Your instructor will address concepts that seem problematic for several students. You may also want to address issues raised by other students or ask for their help.

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