

Cloud DevOpsSec

Practice Programming in Python

Practice Python – Problem 1

- Problem 1: Develop an application that asks the user for her/his name, and then greets them with their name.

Practice Python – Problem 2

- Develop a class that would represent any bank account that we can open at a bank, and perform basic operations
- Use the class created above to demonstrate its capabilities

Practice Python – Problem 3

- Develop a program that allows us to keep track of two different types of employees
 - *CommissionEmployee* represents any employee whose salary consists of a percentage of the total sales made
 - *BaseSalaryPlusCommissionEmployee* represents any employee whose salary consists of a base salary plus a percentage of the total sales made
- Use the classes created above to demonstrate their capabilities

Practice Python – Problem 4

- Think about a game that you like to play, implement a program that will allow you to play the game from the terminal
 - e.g., Rock paper scissors, Hangman, etc.

Resources

- Python

- Download Python <https://www.python.org/downloads/>
- Python Documentation <https://docs.python.org/3>
- The Python Tutorial
<https://docs.python.org/3/tutorial/index.html>

- Rules for games

- https://en.wikipedia.org/wiki/Rock_paper_scissors
- [https://en.wikipedia.org/wiki/Hangman_\(game\)](https://en.wikipedia.org/wiki/Hangman_(game))