

Basic Python Statements > Activity

Learning Objective

The purpose of this activity is to evaluate the learner's ability to write a set of code that incorporates a print statement, assignment statement, and if-else statement successfully.

Scenario

The corporation you work for wants to celebrate employee birthdays as a way to bring everyone together and create more positivity in the workplace. They have decided to have two birthday celebrations each month. Birthdays before the 15th will be celebrated at the beginning of the month. Birthdays after the 15th will be celebrated at the end of the month.

As a member of the IT department, you are tasked with writing Python code that will help organize the bi-monthly birthday celebrations. To help your team get started on this program, your supervisor has instructed you to use print statements, assignment statements, and if-else statements in your code.

Follow the four parts below.

Part 1

Using the print statement, print your name, birth month, and birth date to the screen using 3 different print statements.

Copy and paste your output below.

Part 2

Using an assignment statement, create a variable and call it date. Make date equal to the day of the month you were born. Use a print statement to print that date to the screen. Use *Table 1* in the video script to create your assignment statement.

Copy and paste your output below.

Part 3

Including the assignment statement from Part 2, write an if-else statement.

- If the date is before the 15, have the print statement print: birthday is at the beginning of the month to the screen.
- If the date is after the 15th, have the print statement print: birthday is at the end of the month to the screen.

Copy and paste your output below.

Part 4

Using the code you wrote in Parts 1, 2, and 3 create the following program.

1. Print your name to the screen.
2. Print your birth month to the screen.
3. Write an assignment statement where date is your reference name and the day of the month you were born is the expression.
4. Write an if-else statement.
 - a. Print birthday is at the beginning of the month to the screen if the date is before the 15th.
 - b. Print birthday is at the end of the month to the screen if the date is after the 15th.

Copy and paste your output below.

Quiz Question

Read the following question. Choose the correct answer using what you have learned in the video and practiced in the activity.

Val has written the following code:

```
A=100
if A>89:
    print(A)
else:
    print("value is less than 89")
```

When they run this code, what will the output be?

- A. 89
- B. 100
- C. value is less than 89
- D. value is 100

*The correct answer is B.