

Assignment: Your Life Story in Swift

Objective:

The purpose of this assignment is to help students practice creating variables with different data types in Swift, while telling their own life story. At the end, they will combine everything into one final string and print it out.

Instructions:

Step 1: Declare Variables for Personal Information

Create variables for the following personal details, as example:

- **firstName**: Your first name (String).
- **lastName**: Your last name (String).
- **age**: Your current age (Int).
- **birthYear**: The year you were born (Int).
- **isStudent**: Whether or not you are currently a student (Bool).
- **height**: Your height in meters (Double).

Add some more details about you.

Bonus Challenge: Create a constant **currentYear** and calculate your age by subtracting **birthYear** from **currentYear**.

Step 2: Create Variables for Your Hobbies and Interests

Declare variables for your hobbies and interests, as example:

- **hobby**: Your favorite hobby (String).
- **numberOfHobbies**: The total number of hobbies you have (Int).
- **favoriteNumber**: Your favorite number (Int).
- **isHobbyCreative**: Whether your hobby is creative (Bool).

Add some more details about you.

Step 3: Create a Summary of Your Life Story

Use string interpolation to combine all your variables into one final summary string.

The summary should look something like:

- "My name is John Doe. I am 20 years old, born in 2003. I am currently a student. I enjoy painting, which is a creative hobby. I have 5 hobbies in total, and my favorite number is 7."

Step 4: Print Your Life Story

- Use the *print()* function to print the final **lifeStory** string.

Bonus Task:

Add an additional variable for **futureGoals** (String), and append it to your life story (and any other interesting information related to you 😊). Also try to use emoji as value of variables and variable names.

- Example: "In the future, I want to become a professional iOS developer."

Submission:

Submit your completed Swift file with all tasks done.