Travel Planner

Callback functions

Exercise 1: Apply Destination Upgrade

- **Task:** Write a function that accepts a destination object and a callback function. The callback function should upgrade the destination's level. Then print the updated destination object.
- **Inputs:** A destination object and a callback function.
- **Example:**
    - Input:
        - Destination: `{ name: "Destination 1", level: 2 }`
        - Callback: `upgradeLevel(level)`
    - Output: `{ name: "Destination 1", level: 3 }`

Exercise 2: Check if Destination Has Enough Facilities

- **Task:** Write a function that accepts a destination object and a callback function. The callback function should check if the destination has enough facilities for the planned activities. If it does, print the destination object.
- **Inputs:** A destination object and a callback function.
- **Example:**
    - Input:
        - Destination:
          `{ name: "Destination 2", facilities: ["Pool", "Gym", "Spa"] }`
        - Callback: `hasEnoughFacilities(facilities, minFacilities)`
    - Output: `{ name: "Destination 2", facilities: ["Pool", "Gym", "Spa"] }`

Exercise 3: Add Extra Days to Destination Stay

- **Task:** Write a function that accepts a destination object and a callback function. The callback function should add extra days to the destination's stay duration. Then print the updated destination object.
- **Inputs:** A destination object and a callback function.
- **Example:**
    - Input:

- Destination: `{ name: "Destination 3", stayDuration: 7 }`
        - Callback: `addExtraDays(stayDuration, extraDays)`
    - Output: `{ name: "Destination 3", stayDuration: 9 }`

Exercise 4: Reverse Destination Name

- **Task:** Write a function that accepts a destination object and a callback function. The callback function should reverse the characters in the destination's name and then print the modified destination object.
- **Inputs:** A destination object and a callback function.
- **Example:**
    - Input:
        - Destination: `{ name: "Destination 4", stayDuration: 5 }`
        - Callback: `reverseDestinationName(name)`
    - Output: `{ name: "4 noitartsneD", stayDuration: 5 }`