Using Arrays | Lesson 4

Practice: Converting Character Arrays

Instructions

You are working as a software engineer for a secret agency that needs a way to **encrypt** and **decrypt messages**. The agency communicates using **character arrays** instead of plain text to ensure the messages are secure.

Tasks

Task 1: Decode the Following Reversed Messages
Use **.split(''), reverse.(") and .join('')** to convert messages between strings and arrays dynamically. Then log the messages.

1. **Message 1:** " !yako eb ll'uoy dna ,gniog peeK !sgnittes fo yteirav a ni slliks gnidoc esu osla nac uoY !ti teg ll'uoy ,tsisrep uoy fi tub ,tsrif ta drah mees yam gnidoC"
2. **Message 2:** "!ecitcarp htiw retteb teg ll'uoy ,emit ekaT .tsrif ta drah leef lliw gnitirw edoc tuB"
3. **Message 3:** "!elpoep rehto morf tnereffid on era uoy ,elbuort evah uoy fI .lanoisseforp a ekil leef ot evah t'nod uoY"
4. **Message 4:** ".rettam llits yeht ,smargorp llams etirw ylno nac uoy fI .tnemom tcefrep eht rof tiaw t'noD .yadot trats tsuJ"

Task 2: Write your own reverse messages

1. First, write your own short messages of inspiration (without reversing them).
2. Then, use **.split(''), reverse.(") and .join('')** to convert messages between strings and arrays dynamically so that you have a reverse output.
3. Then log the messages.

Setup

For this activity, you will create your own repository to store your code:
1. Create a new repository.
2. Name it: practice-converting-character-arrays-[Your First Name]-[Your Last Initial]
3. Make sure the repository is public.
4. Clone the repository to your local machine.
5. Start working on the code.

Submission

Submit the url for your GitHub repo in the field below.