



Lab Work -04

1: "Which Character Are You?" Interactive Web Page

Build an interactive personality quiz using HTML, CSS, and JavaScript. The quiz will match users with one of 5 characters (from your favorite TV series or book) based on their answers to 5 multiple-choice questions.

2: Part 1: Choose Your Characters

- Select 5 unique characters from your favorite book, movie, anime, or TV series.
- Briefly describe each character in a few words (1–2 lines).
- Each character should represent a distinct personality or trait (e.g., "brave," "logical," "funny").

Example: If you're using Harry Potter, your characters could be Harry, Hermione, Ron, Luna, and Draco.

3: Part 2: Create the Quiz Form (HTML)

Design a form with five multiple-choice questions, each with four answer options.

- Each question should relate to personality, behavior, or preferences (e.g., "What do you do when faced with a challenge?")
- Use radio buttons for single-choice questions.
- Include a "Find My Character" button to submit the quiz.

Design tips:

- Use semantic HTML (<fieldset>, <legend>)
- Add minimal styling for a clean look (padding, colors, layout)

4: Part 3: Analyze and Match with JavaScript

When the user submits the form:

1. Read the selected answers.

2. Assign points to characters based on chosen answers (e.g., Q1 answer A gives 1 point to Harry, 1 to Ron; answer B gives 1 point to Hermione, etc.).
3. Determine which character has the highest score.
4. Display the matched character with a short description.

Tips: If there's a tie, display both or choose one randomly (bonus logic!).

5: Part 4: Display the Result

Create a result section that:

- Shows the matched character's name
- Includes their description
- Optionally displays a photo or icon
- Has a "Try Again" button to reset the quiz

File Structure:

```
character-quiz/  
├── index.html  
├── style.css  
└── script.js
```

Bonus (Optional but Encouraged):

- Add image icons for characters
- Use hover or transition effects
- Make the quiz responsive using CSS Flexbox/Grid
- Animate the result reveal

6: Conclusion: Avoiding Copy-Paste from ChatGPT

- The questions and characters are chosen by the student, making generic solutions impossible.
- Scoring logic is custom and based on question-answer mapping.
- Requires DOM interaction and dynamic rendering.
- No single "right" answer — students must design, build, and connect logic.
