

Experiment-1

Conduct a Mock-interview

Date: _____

AIM

Conduct a mock-interview

PROCEDURE

To create a mock-interview

Step-1: Interview Context

Step-2: Role or Position

Step-3: Focus Areas

Step-4: Define the Objectives

Step-5: Set Up the Environment

Step-6: Implement Feedback

SOURCE CODE

You are Conducting a interview for a Senior Front End Developer role. I want you to ask me difficult React.js HTML, CSS, and Java Script interview questions. Your response should contain the difficulty rating. but donot provide me the answer or any other information. Start by asking me one questions.

Steps:-

Step 1:-

- open web browser.
- Type open ai on the search bar and click on the chatGPT.
- Log in to your account. Once you logged in start your conversation.

Step 2:-

- Type your Query (or) prompt and click enter

Step 3:-

- chatgpt will respond and starts asking questions.

I am Rishi with CSE background. I want you to ask me moderate questions for interview in CSS, HTML, Python, Java. Your response should contain this difficult rating, but do not give me the answer or any other information start by asking me one question. (Can you explain the difference between)

Can you explain the difference between '==' and equals() in Java?

'==' Compares references for objects

'equals()' Compares the actual content or values of objects.

What is the purpose of 'alt' attribute in a HTML tag?

The 'alt' attribute in an HTML '' tag provides alternative

text for the image, used for accessibility and displayed if the image fails to load.

What is difference between an abstract class & interface in Java.

- An abstract class can have both abstract & non abstract methods
- An interface can only have abstract methods

What is the purpose of final keyword in java. and how can it be used with variables, methods & classes.

The final keyword in java is used to restrict the ability to modify certain elements of code

Final Variables:-

When a variable is declared as 'final' its value cannot be changed once it has been assigned.

Final method:-

When a method is declared as final it cannot be overridden by subclass.

Final classes:

When a class is declared as final it cannot be subclassed.

What is method overloading in java?

It is the ability to define multiple methods with the same name but different parameter lists (types, number, or both) within the same class.

OUTPUT

What is relative, absolute and fixed positioning in CSS?

Relative: Positions relative to its normal position.

Absolute: Positions relative to its nearest positioned ancestor.

Fixed: position relative to the viewport and stays fixed during scrolling.

How does the 'box-sizing' property work in CSS?

The box-sizing property in CSS controls how the width and height of an element are calculated.

VIVA QUESTIONS

1. Tell me about myself.

Ans. I am Rishi. I am currently pursuing my BTech in the stream of Computer Science and engineering with knowledge in CSS, HTML, Java. I have interest in preparing for interviews based on my skills.

2. Why I'm leaving my current company?

Ans. I'm looking for new technologies challenges and opportunities for growth that align more closely with my career goals. I've learned a lot at my current company.

3. What are the top questions hiring managers ask for a project manager in tech industry for a mid sized company?

Ans. i) How do you prioritize tasks and manage resources effectively?
ii) How do you ensure effective communication b/w team members & stakeholders?

4. What type of questions will ask for fresher Tech position?

Ans. i) Can you explain basic concepts of oops (or) web dev?
ii) Why you are interested in this particular company?
iii) What is your approach to debugging code?

5. Based on my resume can you give me answers for each of the 10 questions?

Ans.