

PRELIM (Part 1: HANDS-ON EXAMINATION)

(50 points)

Name: _____

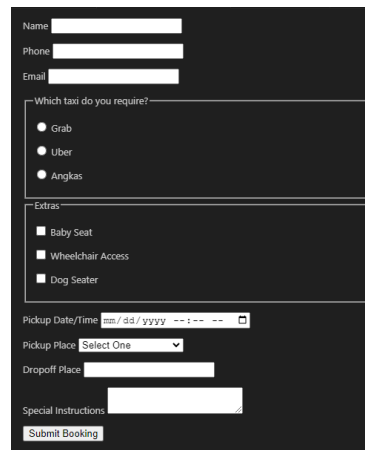
ID Number: _____

Instructions: Answer each statement on a yellow pad paper. Close notes.

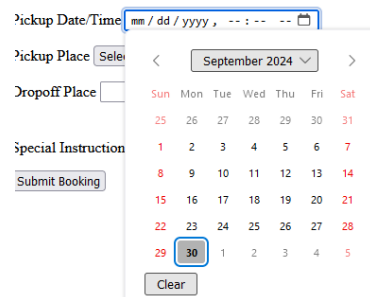
- I. What is HTML? (5 pts)**
- II. Why do we need HTML? (5 pts)**
- III. What is the content of HTML? (5 pts)**
- IV. Give at least 2 HTML colors? (5 pts)**
- V. What is Javascript? (5 pts)**
- VI. Give at least 2 Javascript Data Types? (5 pts)**
- VII. Give at least 3 javascript operators? (5 pts)**
- VIII. Give 2 javascript comparison operators? (5 pts)**
- IX. Give 3 applications that uses javascript? (5 pts)**
- X. What did I learn in Javascript and HTML? Rate myself in development lessons in class (5 pts)**

PRELIM (Part 2: HANDS-ON EXAMINATION)

1. Create an HTML Form that looks like the following: (25 pts)



Pickup Place: Taxi Office, Town Hall and I pass HTML Exam!



Date:

2. Javascript Book Object (25 pts)

Write a JavaScript program that creates a class `Book` with properties for title, author, and publication year. Include a method to display book details. Create a subclass called 'Ebook' that inherits from the 'Book' class and includes an additional property for book price. Override the display method to include the book price. Create an instance of the 'Ebook' class and display its details.

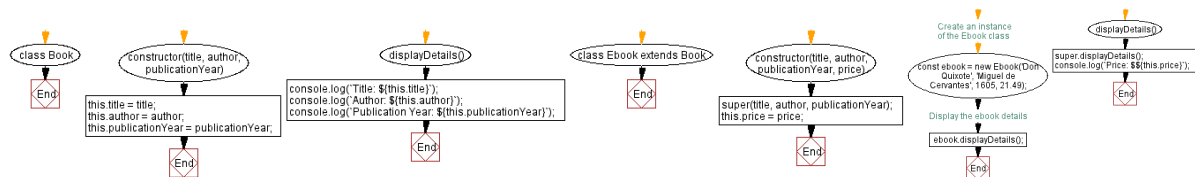
Instructions:

We create a class called "Book" with properties for title, author, and publication year. It includes a "displayDetails()" method that displays the book's title, author, and publication year.

The "Ebook" class is a subclass of "Book" and adds a property for book price. It overrides the "displayDetails()" method to first call the parent class's displayDetails() method using super.displayDetails(), and then displays the book price specific to ebooks.

An instance of the Ebook class is created with the title "Don Quixote", the author "Miguel de Cervantes", a publication year of 1605, and a price of \$21.49. The "displayDetails()" method is called for the ebook, and it displays the ebook's details including the overridden information specific to ebooks.

Flowchart:



Desired Output:

```
[Running] node "c:\Users\reyes\Documents\DEVTECH\JSExercises\PRELIM\prelim.js"
Title: The Attachment Style
Author: Ria Martez
Publication Year: 2024
Price: $300.9
Title: Harry Potter
Author: JK Rowling
Publication Year: 1900
Price: $19.08
Title: BOOK3
Author: Author 2
Publication Year: 1988
Price: $25.33

[Done] exited with code=0 in 0.089 seconds
```