Student Client Testing Plan

Student View

Client should load in an exam and display all questions, as well as a submit button. The user should be presented with a display similar to the following:

Question 1
What's the best programming language?
○ C#
○ Java
○ TypeScript
○ Fortran
Question 2
Computer Science is dope.
○ False
○ True
Question 3
How do you feel today?
Question 4
Question 4 Print "Hello World" in the language
Print "Hello World" in the language

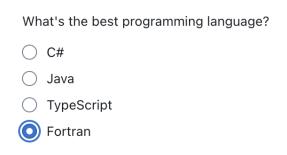


Multiple Choice Component

Clicking on a bubble should make it appear blue:

What's the best programming language?
○ C#
Java
TypeScript
○ Fortran

Selecting a different bubble should change the selection:



True/False Component

Clicking on a bubble should make it appear blue:

Computer Science is dope.

False

True

Selecting a different bubble should change the selection:

Computer Science is dope.

False
True

Short Answer Component

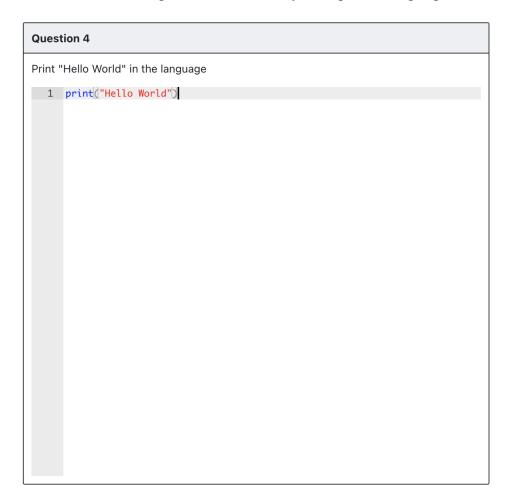
Typing in the text box should update the text:

How do you feel today?

Hello world!

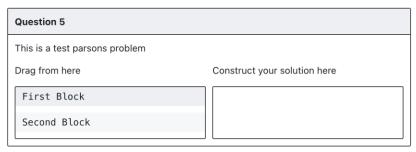
Coding Answer Component

Typing in the text-editor should update the text – verify that "print" is highlighted blue:



Parsons Problem Component

The user should be able to click and drag each item in each row. They should be able to reorder elements within the same row:



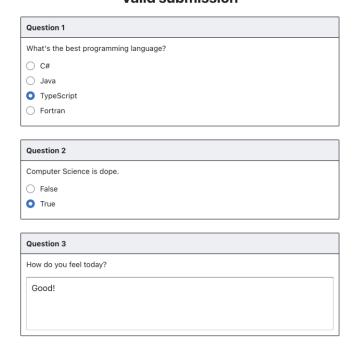
They should also be able to drag between the columns:



Exam Submission

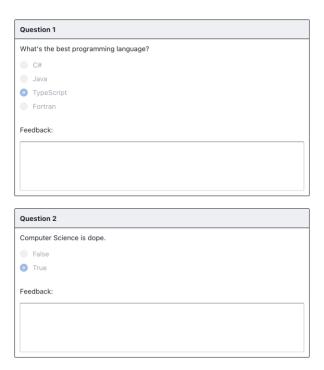
After filling out the exam, clicking the "Submit" should present the user with a "Valid submission" message, and all data should persist:

Valid submission





Refreshing the page should not change any data – it should all persist. Additionally, the questions should now be disabled, and feedback boxes should appear.



Question 3	
How do you feel today?	
Good!	
Feedback:	
Question 4	
Print "Hello World" in the language	
1 print("Hello World")	
Feedback:	
Question 5	
This is a test parsons problem	
Drag from here	Construct your solution here
Second Block	First Block
Feedback:	