

# 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 the following display:

What's the best programming language?

- ☐ C#
- ☐ Java
- ☐ TypeScript
- ☐ Fortran

Computer Science is dope.

- ☐ False
- ☐ True

How do you feel today?

Print "Hello World" in the language

1

undefined

Submit

## 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:

What's the best programming language?

- ☐ C#
- ☐ Java
- ☐ TypeScript
- ☒ Fortran

## 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?

## Coding Answer Component

Typing in the text-editor should update the text – verify that “System” is highlighted blue:

Print "Hello World" in the  
language

```
1 System.out.println("Hello world!");
```

## 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

What's the best programming language?

- ☐ C#
- ☐ Java
- ☒ TypeScript
- ☐ Fortran

Computer Science is dope.

- ☐ False
- ☒ True

How do you feel today?

Good!

Print "Hello World" in the language

```
1 System.out.println("Hello world!");
```

Submit

Refreshing the page should not change any data – it should all persist. Additionally, if new responses are submitted, these new responses should persist after refreshing the page.