CONGRESSIONAL App Challenge

The Congressional App Challenge is a competition aimed at encouraging U.S. middle and high school students to learn how to code by creating their own applications. The *Challenge* is intended to highlight the value of computer science education and encourage students to engage in this field.

Judging Guidelines & Rubric

A score of 1 to 5—1 being poor, 3 being average, and 5 being superior—should be given across three criteria:
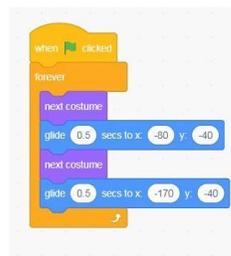
1. Concept

    a. How creative is the idea?

    b. Does the app address a specific problem? If so, how creative is the solution?

2. Design

    a. Did the student consider the user experience and interface?

    b. How intuitive is the U.I.?

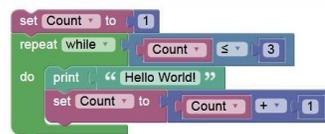   c. Did the student give any thought to the app design?

3. Skill

Visual Programming Language Blocks

a. Did the student use "block code" to create the app or did the student use text-based computer programming? "Block code" includes Scratch, MIT App Inventor, Blocky.
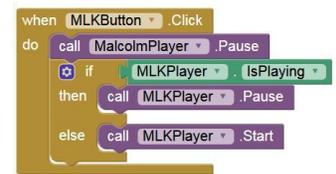

Scratch   Blockly   MIT App Inventor

b.   Rate 1 for use of "block code" exclusively,
    Rate 3 if the student integrated text-based code into his "block code" app,
    Rate 4 for use of a text-based programming language,
    Rate 5 for use of multiple text-based programming languages.

Sample Scorecard

Judge : John Doe				**App Title** : Example App		
Criteria	1	2	3	4	5	Total
Concept				x		4
Design			x			3
Skill					x	5
					Total :	12

Judge :				**App Title** :		
Criteria	1	2	3	4	5	Total
Concept						
Design						
Skill						
					Total :	

Judge :				**App Title** :		
Criteria	1	2	3	4	5	Total
Concept						
Design						
Skill						
					Total :	