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Assignment 2 - Workflow Foundation

**About the Project:**

This project utilizes Workflow Foundations to create a service, and an ASP.NET Website to consume the service. This is another number guessing game (using the NumberGuess service from the ASU repository) that includes another service that gives hints about the secret number. The "hint" service was created using a workflow-first approach, accepts a single integer parameter (the secret number) and returns a string giving one of three hints about the secret number:

1. Whether the number is even or odd.
2. A larger number that the secret number is a factor of.
3. Whether the number is divisible by a random number or not.

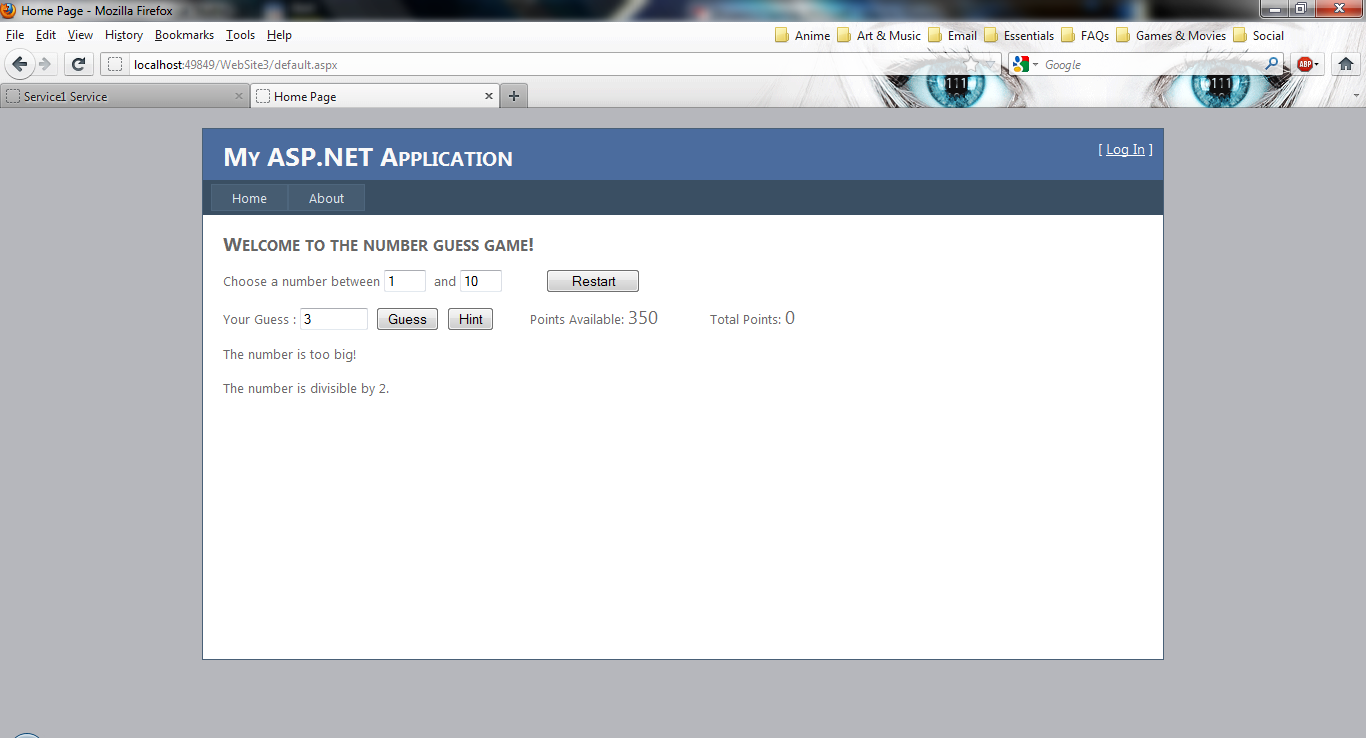
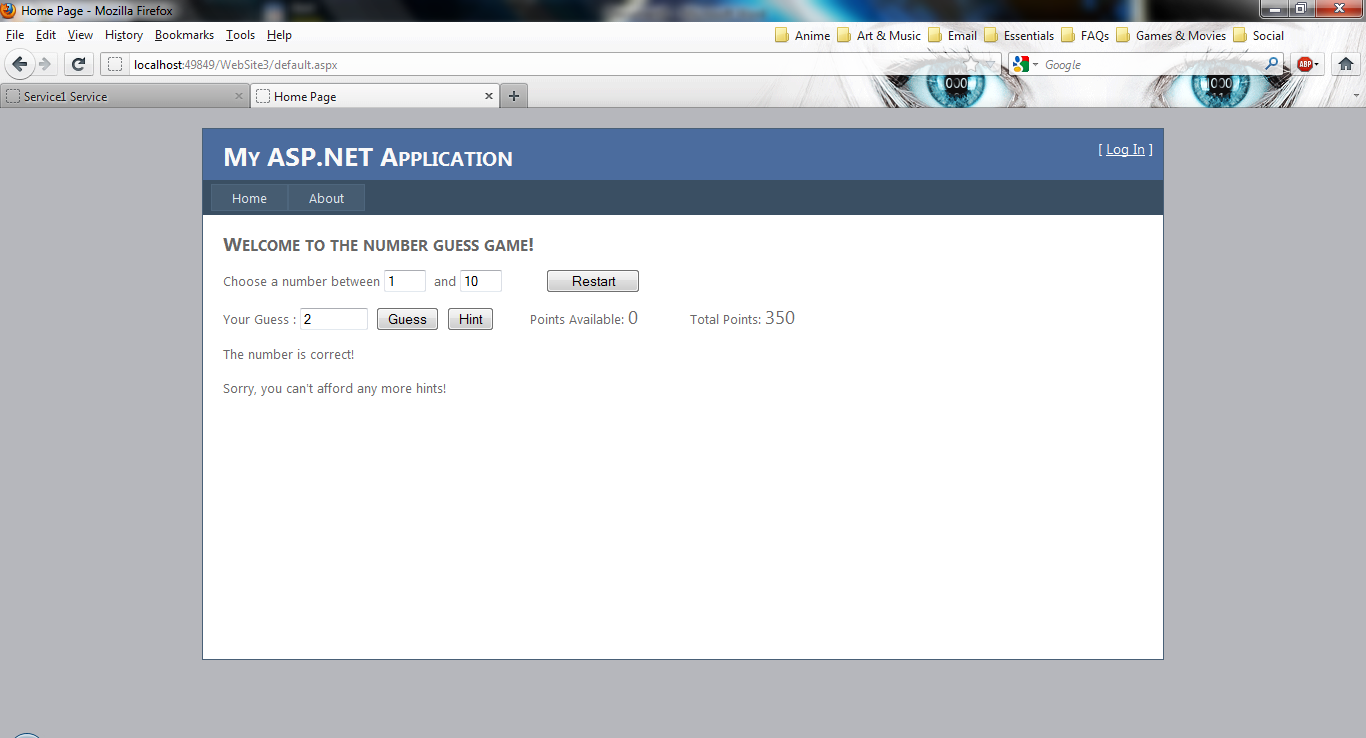
This was achieved by using a CodeActivity to accept the input parameter, and output a string from one of many switch cases.

**User Guide:**

* Open file "A2\_Workflow" and start the Service1.xamlx (workflow) service by viewing in browser.
* Start program without debugging.
* Enter the range of numbers you would like to guess in the first two text boxes.
* Press "Go!" to start. A secret number will be generated. You will have 500 points available to earn.
* Enter your guess in the third text box.
* Press the "Guess" button to submit your guess. Each guess will cost 100 points.
* Press the "Hint" button to receive a hint about the secret number. This costs 50 points.
* When the number of points available is reduced to 0, the game is over. You must restart.
* If you guess the correct number, the points available are added to your total score.
* Your total number of points earned is also displayed.
* The bottom two labels will reveal if your number is too high or low, and a hint if you requested it.

(Note: If the "hint" button causes an error, simply refresh the page. I have no idea why this happens periodically.)

**Test Screenshots:**

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