These exercises can be completed under the HomeController.

xOrdered Name

Using the image below, write an HTML form which has fields for first name, middle initial, and last name, plus the selected order radio button.

Enter Name

First name:
Lamont

Middle initial:

Last name:
Cranston

Choose Order

- ◉ First MI Last
- ○ First Last
- ○ Last, First MI
- ○ Last, First

Submit

The HTML form when submitted sends the first name, middle initial, last name, and order to **/xOrderedResult**.

The controller action receives the submission and outputs a new view with the appropriate name format.

Ordered Name

First name: Lamont
Middle initial:
Last name: Cranston

Ordered: Cranston, Lamont

Colorized Name

Usin the image below, write an HTML form which accepts the first and last names, plus all three checkboxes.

Enter Name

First name:
Kim

Last name:
Littlefield

Choose Color

- ☑ Red
- ☐ Blue
- ☑ Green

Submit

The HTML form when submitted sends the string data and all three checkboxes to **/colorizedResult**. The controller action that receives the submission, renders it for display in a new view. The new view will display the formatted string in the color of any checked box. It will skip displaying the formatted string if the box is unchecked.

Colorized Name

First name: Kim
Last name: Littlefield

Kim Littlefield

Kim Littlefield

FizzBuzz Revisited

Write an HTML Form which accepts the divisors, the alternative strings for Fizz and Buzz, and up to five integer values.

FizzBuzz Revisited

Divisable By:
`4`
Divisable By:
`7`
Alternative Fizz:
`Spa`
Alternative Buzz:
`Fon`

Number 1: `4`
Number 2: `38`
Number 3: `7`
Number 4: `79`
Number 5: `28`

[Submit]

The HTML form when submitted sends the data to **/fizzBuzzRevisitedResult**.

An action then uses the following rules for the five integer values:

- For multiples of divisor1, print the number, and altenativefizz
- For multiples of divisor2, print the number and alternativebuzz
- For multiples of both divisor1 and divisor2, print the number and alternativefizz+alternativebuzz
- For all else, print the number

FizzBuzz Revisited

Divisable By: 4
Divisable By: 7
Divisable By Both: 4 and 7

Alternative Fizz: Spa
Alternative Buzz: Fon

4 Spa
38
7 Fon
79
28 SpaFon

Last Two

Write an HTML form that submits up to ten words.

Reverse Last Two Characters

Word 1: demo
Word 2: a
Word 3: important
Word 4: key
Word 5: picture
Word 6: equals
Word 7: times
Word 8: refer
Word 9: paragraph
Word 10: follow

Submit

The HTML form when submitted sends the data to **/lastTwoResult**.

The action reverses the last two letters on each word that has a length greater than one. The formatted words should be accumulated and passed to a View for display.

Reverse Last Two Characters

demo : deom
a : a
important : importatn
key : kye
picture : pictuer
equals : equasl
times : timse
refer : refre
paragraph : paragrahp
follow : follwo

Baby Lotto

Create an HTML form that accepts five ticket entries.

Baby Lotto

Enter three comma delimited numbers for each ticket.

Ticket 1:
1, 2, 3
Ticket 2:
884, 74, 884
Ticket 3:
55, 55, 55
Ticket 4:
99, 111, 88
Ticker 5:
432, 433, 432

Submit

When the form is submitted to **/babylottoResult**, server-side code examines each ticket and scores it.

- If the numbers are all different, the score is 0.
- If all the numbers are the same, the score 20.
- If two of the numbers are the same, the score is 10.

The output should be rendered in a View for which each ticket is displayed according to its score.

- Black if its score is 0.
- Silver if the score is 10.
- and Green if the score is 20.

Baby Lotto

1, 2, 3

884, 74, 884

55, 55, 55

99, 111, 88

432, 433, 432

Squirrel Cigar Party

Create an HTML form which accepts the number of squirrels attending the party, and a checkbox indicating if this is a weekend affair.

Squirrel Cigar Party

Number of Squirrels:
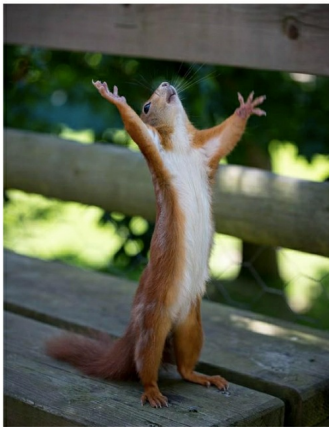
☐ Is this the weekend?

Submit

When the form is submitted to **/cigarPartyResult**, server-side code processes the input. A party is successful when the number of squirrels doesn't exceed the number of cigars. The rules for a successful party are:

- The host usually has enough cigars for between 40 and 60 squirrels,
- If the number of squirrels is between 40 and 60 inclusive the party is a success.
- Unless it is the weekend, then there is no upper bound on the number of squirrels.

The output (a boolean value) will be used with a new View and will indicate whether the party was successful.

If the party was successful, the view displays

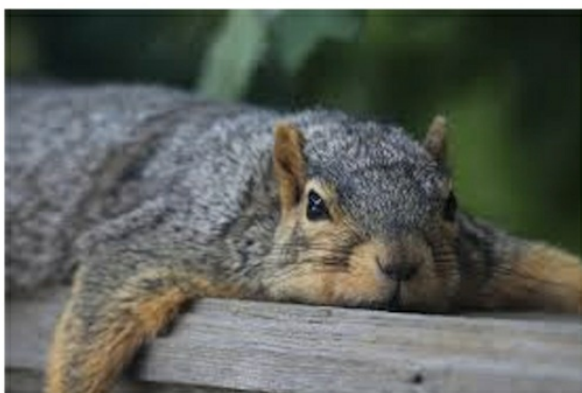**Great Party!!!**

If the party was a failure, the view displays

Ugh!!!

Image files are available in the **squirrels** folder.