

## WEEK 5 - Assignment 2: The Canadian Computing Competition (CCC) Questions using C#

### Q1J1 - Deliv-e-droid

```
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q1J1/delivedroid' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'delivered=5&collisions=2'
730%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q1J1/delivedroid' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'delivered=0&collisions=10'
-100%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q1J1/delivedroid' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'delivered=2&collisions=3'
70%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q1J1/delivedroid' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'delivered=8&collisions=8'
320%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q1J1/delivedroid' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'delivered=10&collisions=0'
(base) Genevieve@MacBook-Pro week3 %
```

### Q2J1 - Cupcake Party

```
(base) Genevieve@MacBook-Pro week3 % curl -X 'GET' \
'http://localhost:5026/api/Q2J1/calculateteftover?regularBoxes=10&smallBoxes=0'
52%
(base) Genevieve@MacBook-Pro week3 % curl -X 'GET' \
'http://localhost:5026/api/Q2J1/calculateteftover?regularBoxes=2&smallBoxes=5'
3%
(base) Genevieve@MacBook-Pro week3 % curl -X 'GET' \
'http://localhost:5026/api/Q2J1/calculateteftover?regularBoxes=0&smallBoxes=5'
Error: The total number of cupcakes must be at least 28.%
(base) Genevieve@MacBook-Pro week3 %
```

## Q3J2 - Chili Peppers

```
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q3J2/calculatespiciness' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPeppers=3&peppers=Thai&peppers=Cayenne&peppers=Serrano'
130500%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q3J2/calculatespiciness' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPeppers=6&peppers=Thai&peppers=Cayenne&peppers=Serrano&peppers=Mirasol&peppers=Poblano&peppers=Habanero'
263000%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q3J2/calculatespiciness' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPeppers=5&peppers=Thai&peppers=Cayenne&peppers=Serrano&peppers=Mirasol&peppers=Cayenne'
176500%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q3J2/calculatespiciness' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPeppers=5&peppers=Thai&peppers=Cayenne&peppers=Serrano&peppers=Mirasol&peppers=Cameroon'
Unknown pepper: Cameroon%
(base) Genevieve@MacBook-Pro week3 %
```

## Q4J2 - Fergusonball Ratings

```
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q4J2/calculatestars' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPlayers=3&pointsAndFouls=12&pointsAndFouls=4&pointsAndFouls=10&pointsAndFouls=3&pointsAndFouls=9&pointsAndFouls=1'
3+%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q4J2/calculatestars' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPlayers=4&pointsAndFouls=9&pointsAndFouls=7&pointsAndFouls=15&pointsAndFouls=1&pointsAndFouls=23&pointsAndFouls=14&pointsAndFouls=5&pointsAndFouls=0'
2%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q4J2/calculatestars' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'numPlayers=4&pointsAndFouls=12&pointsAndFouls=3&pointsAndFouls=3&pointsAndFouls=9&pointsAndFouls=22&pointsAndFouls=12&pointsAndFouls=9&pointsAndFouls=15'
2%
(base) Genevieve@MacBook-Pro week3 %
```

## Q5J3 - Secret Instructions

```
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q5J3/decodeinstructions' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'instructions=57234&instructions=00907&instructions=34100&instructions=99999'
right 234, right 907, left 100%
(base) Genevieve@MacBook-Pro week3 % curl -X 'POST' \
'http://localhost:5026/api/Q5J3/decodeinstructions' \
-H 'Content-Type: application/x-www-form-urlencoded' \
-d 'instructions=57234&instructions=92907&instructions=00100&instructions=43725'
right 234, left 907, left 100, left 725%
(base) Genevieve@MacBook-Pro week3 %
```