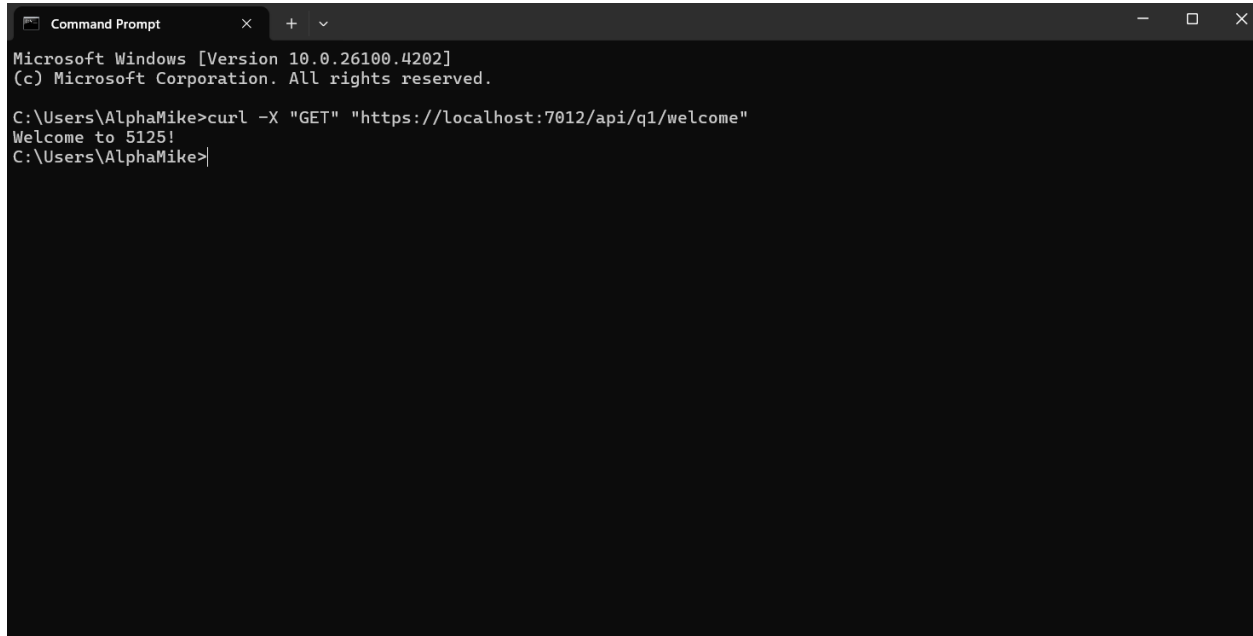


## Assignment 1 – Testing

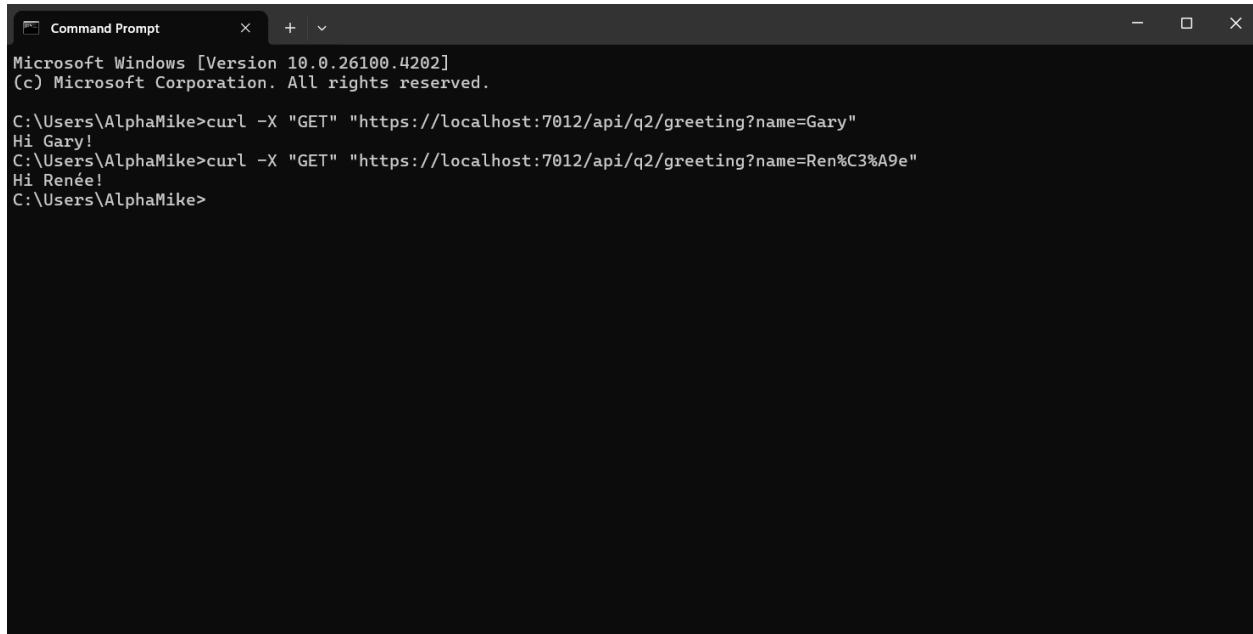
### Question 1



```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q1/welcome"
Welcome to 5125!
C:\Users\AlphaMike>
```

### Question 2



```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q2/greeting?name=Gary"
Hi Gary!
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q2/greeting?name=Ren%C3%A9e"
Hi Renée!
C:\Users\AlphaMike>
```

### Question 3

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q3/cube/4"
64
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q3/cube/-4"
-64
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q3/cube/10"
1000
C:\Users\AlphaMike>
```

### Question 4

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "POST" "https://localhost:7012/api/q4/knockknock"
Who's there?
C:\Users\AlphaMike>
```

## Question 5

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "POST" -d "5" -H "Content-Type: application/json" "https://localhost:7012/api/q5/secret"
Shh.. the secret is 5
C:\Users\AlphaMike>curl -X "POST" -d "-200" -H "Content-Type: application/json" "https://localhost:7012/api/q5/secret"
Shh.. the secret is -200
C:\Users\AlphaMike>
```

## Question 6

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q6/hexagon?side=1"
2.598076211353316
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q6/hexagon?side=1.5"
5.845671475544961
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q6/hexagon?side=20"
1039.2304845413264
C:\Users\AlphaMike>
```

## Question 7

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q7/timemachine?days=1"
2025-05-31
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q7/timemachine?days=-1"
2025-05-29
C:\Users\AlphaMike>curl -X "GET" "https://localhost:7012/api/q7/timemachine?days=4"
2025-06-03
C:\Users\AlphaMike>
```

## Question 8

```
Command Prompt
Microsoft Windows [Version 10.0.26100.4202]
(c) Microsoft Corporation. All rights reserved.

C:\Users\AlphaMike>curl -X "POST" -H "Content-Type: application/x-www-form-urlencoded" -d "Small=1&Large=1" "https://localhost:7012/api/q8/squashfellows"
1 Small @ $25.50 = $25.50; 1 Large @ $40.50 = $40.50; Subtotal = $66.00; Tax = $8.58 HST; Total = $74.58
C:\Users\AlphaMike>curl -X "POST" -H "Content-Type: application/x-www-form-urlencoded" -d "Small=2&Large=1" "https://localhost:7012/api/q8/squashfellows"
2 Small @ $25.50 = $51.00; 1 Large @ $40.50 = $40.50; Subtotal = $91.50; Tax = $11.90 HST; Total = $103.40
C:\Users\AlphaMike>curl -X "POST" -H "Content-Type: application/x-www-form-urlencoded" -d "Small=100&Large=100" "https://localhost:7012/api/q8/squashfellows"
100 Small @ $25.50 = $2550.00; 100 Large @ $40.50 = $4050.00; Subtotal = $6600.00; Tax = $858.00 HST; Total = $7458.00
C:\Users\AlphaMike>
```