

Assignment 1

Dilkhush Yadav (n01723579)

Humber College

Back-End Web Development 1 : HTTP-5125

Christine Bittle

09/30/2024

Question 1-

```
C:\Users\91800>curl https://localhost:7289/api/q1/welcome
Welcome to 5125!
C:\Users\91800>curl https://localhost:7289/api/q1/example
Hello, my name is Dilkhush Yadav
C:\Users\91800>
```

Question 2-

```
C:\Users\91800>curl https://localhost:7289/api/q2/greeting?name=Gary
Hi Gary!
C:\Users\91800>curl https://localhost:7289/api/q2/greeting?name=Ren%C3%A9e
Hi Renée!
C:\Users\91800>
```

Question 3-

```
C:\Users\91800>curl https://localhost:7289/api/q3/cube/4
64
C:\Users\91800>curl https://localhost:7289/api/q3/cube/-4
-64
C:\Users\91800>curl https://localhost:7289/api/q3/cube/10
1000
C:\Users\91800>
```

Question 4-

```
C:\Users\91800>curl -d "" https://localhost:7289/api/q4/knockknock
Who's there?
C:\Users\91800>curl -d "" https://localhost:7289/api/q4/example
Hi, how can I help you?
C:\Users\91800>
```

Question 5-

```
C:\Users\91800>curl -H "Content-Type: application/json" -d "5" https://localhost:7289/api/q5/secret
Shh.. the secret is 5
C:\Users\91800>curl -H "Content-Type: application/json" -d "-200" https://localhost:7289/api/q5/secret
Shh.. the secret is -200
C:\Users\91800>
```

Question 6-

```
C:\Users\91800>curl https://localhost:7289/api/q6/hexagon?side=1
2.598076211353316
C:\Users\91800>curl https://localhost:7289/api/q6/hexagon?side=1.5
5.845671475544961
C:\Users\91800>curl https://localhost:7289/api/q6/hexagon?side=20
1039.2304845413264
C:\Users\91800>
```

Question 7-

```
C:\Users\91800>curl https://localhost:7289/api/q7/timemachine?days=1
2024-10-01
C:\Users\91800>curl https://localhost:7289/api/q7/timemachine?days=-1
2024-09-29
C:\Users\91800>
```

Question 8-

```
C:\Users\91800>curl -H "Content-Type: application/x-www-form-urlencoded" -d "Small=1&Large=1" https://localhost:7289/api/q8/squashfellows
1 Small @ $25.50 = $25.50; 1 Large @ $45.50 = $45.50; subTotal = $71.00; Tax = $9.23 HST; Total = $80.23
C:\Users\91800>curl -H "Content-Type: application/x-www-form-urlencoded" -d "Small=2&Large=1" https://localhost:7289/api/q8/squashfellows
2 Small @ $25.50 = $51.00; 1 Large @ $45.50 = $45.50; subTotal = $96.50; Tax = $12.54 HST; Total = $109.04
C:\Users\91800>curl -H "Content-Type: application/x-www-form-urlencoded" -d "Small=100&Large=100" https://localhost:7289/api/q8/squashfellows
100 Small @ $25.50 = $2,550.00; 100 Large @ $45.50 = $4,550.00; subTotal = $7,100.00; Tax = $923.00 HST; Total = $8,023.00
C:\Users\91800>
```