

Q1: Welcome Message

```
Command Prompt
Microsoft Windows [Version 10.0.26100.2894]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q1/welcome"
Welcome to 5125!
C:\Users\kandh>
```

Q2: Greeting

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q2/greeting/Gary"
Hi Gary!
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q2/greeting/Ren%C3%A9e"
Hi Renée!
C:\Users\kandh>
```

Q3: Cube of the Integer

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q3/cube/4"
64
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q3/cube/-4"
-64
C:\Users\kandh>.
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q3/cube/10"
1000
C:\Users\kandh>
```

Q4: Knock Knock Joke

```
C:\Users\kandh>curl -X "POST" "https://localhost:7221/api/q4/knockknock"
Who's there?
C:\Users\kandh>.
```

Q5: Secret Integer

```
C:\Users\kandh>curl -X "POST" -H "Content-Type:application/json" -d "{\"5\"}" "https://localhost:7221/api/q5/secret"
Shh.. the secret is 5
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "POST" -H "Content-Type:application/json" -d "{\"-200\"}" "https://localhost:7221/api/q5/secret"
Shh.. the secret is -200
C:\Users\kandh>
```

Q6: Area of a Hexagon

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q6/hexagon/1"
2.598076211353316
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q6/hexagon/1.5"
5.845671475544961
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q6/hexagon/20"
1039.2304845413264
C:\Users\kandh>
```

Q7: Current date

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q7/timemachine/1"
2000-01-02
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "GET" "https://localhost:7221/api/q7/timemachine/-1"
1999-12-31
C:\Users\kandh>
```

Q8: Order Summary

```
C:\Users\kandh>curl -X "POST" -H "Content-Type:application/x-www-form-urlencoded" -d "Small=1&Large=1&Tax=8.58" "https://localhost:7221/api/q8/squashfellows"
1 Small @ $25.50 = 25.50 ; 1 Large @ $40.50 = 40.50 ; Tax = 8.58 HST; Total = $74.58
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "POST" -H "Content-Type:application/x-www-form-urlencoded" -d "Small=2&Large=1&Tax=11.90" "https://localhost:7221/api/q8/squashfellows"
2 Small @ $25.50 = 25.50 ; 1 Large @ $40.50 = 40.50 ; Tax = 11.90 HST; Total = $103.40
C:\Users\kandh>
```

```
C:\Users\kandh>curl -X "POST" -H "Content-Type:application/x-www-form-urlencoded" -d "Small=100&Large=100&Tax=858.00" "https://localhost:7221/api/q8/squashfellows"
100 Small @ $25.50 = 25.50 ; 100 Large @ $40.50 = 40.50 ; Tax = 858.00 HST; Total = $7458.00
C:\Users\kandh>
```