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# BACK-END WEB DEVELOPMENT 1

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HTTP-5125



JANUARY 29, 2025  
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## Question #1

q1

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GET /api/q1/Welcome

^

Parameters

Cancel

No parameters

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7038/api/q1/Welcome' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7038/api/q1/Welcome
```

Server response

Code

Details

200

Response body

```
Welcome to 5125!
```

Download

## Question #2

q2

GET /api/q2/greeting

Parameters

Cancel

Name	Description
name	
string	Renée
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7052/api/q2/greeting?name=Ren%C3%A9e' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7052/api/q2/greeting?name=Ren%C3%A9e
```

Server response

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7052/api/q2/greeting?name=Ren%C3%A9e' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7052/api/q2/greeting?name=Ren%C3%A9e
```

Server response

Code	Details
200	<div><div>Response body</div><div>hi Renée!</div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-type: text/plain; charset=utf-8 date: Wed, 29 Jan 2025 21:15:56 GMT server: Kestrel</pre></div></div>

Responses

Code	Description	Link
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## Question #3

q3

GET /api/q3/cube/{num}

Parameters

Cancel

Name	Description
num <span>required</span>	
integer(\$int32)	4
(path)	

Execute

Clear

Responses

Curl

curl -X 'GET' \

'https://localhost:7173/api/q3/cube/4' \

-H 'accept: text/plain'

Request URL

https://localhost:7173/api/q3/cube/4

Server response

Responses

Curl

curl -X 'GET' \

'https://localhost:7173/api/q3/cube/4' \

-H 'accept: text/plain'

Request URL

https://localhost:7173/api/q3/cube/4

Server response

Code	Details
200	<div><div>Response body</div><div>id</div><div>Download</div></div> <div><div>Response headers</div><div>content-type: application/json; charset=utf-8</div><div>date: Wed, 29 Jan 2025 21:34:58 GMT</div><div>server: Kestrel</div></div>

Responses

Code	Description	Links
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# Question #4

q4

POST /api/q4/knockknock

Parameters

No parameters

Execute Clear

Responses

Curl

curl -X 'POST' \ 'https://localhost:7037/api/q4/knockknock' \ -H 'accept: text/plain' \ -d ''

Request URL

https://localhost:7037/api/q4/knockknock

Server response

Code	Details
200	Response body

curl -X 'POST' \ 'https://localhost:7037/api/q4/knockknock' \ -H 'accept: text/plain' \ -d ''

Request URL

https://localhost:7037/api/q4/knockknock

Server response

Code	Details
200	Response body

Who's there?

Response headers

content-type: text/plain; charset=utf-8  
date: Wed, 29 Jan 2025 21:50:54 GMT  
server: Kestrel

Responses

Code	Description	Links
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# Question #5

q5

POST /api/q5/secret

Parameters

No parameters

Request body

application/json

5

Execute

Clear

Execute

Clear

Responses

Curly

```
curl -X 'POST' \
  'https://localhost:7225/api/q5/secret' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '5'
```

Request URL

https://localhost:7225/api/q5/secret

Server response

Code	Details
200	<div><div>Response body</div><div>Shh.. the secret is 5</div><div>Download</div></div> <div><div>Response headers</div><div>content-type: text/plain; charset=utf-8 date: Wed, 29 Jan 2025 22:09:18 GMT server: Kestrel</div></div>

# Question #6

GET

/api/q6/hexagon

^

Parameters

Cancel

Name	Description
Side	
number(\$double)	1
(query)	

Execute

Clear

Responses

Curl

curl -X 'GET' \ 'https://localhost:7086/api/q6/hexagon?Side=1' \ -H 'accept: text/plain'

Request URL

https://localhost:7086/api/q6/hexagon?Side=1

Server response

Code	Details

Execute

Clear

Responses

Curl

curl -X 'GET' \ 'https://localhost:7086/api/q6/hexagon?Side=1' \ -H 'accept: text/plain'

Request URL

https://localhost:7086/api/q6/hexagon?Side=1

Server response

Code	Details
200	<div><div>Response body</div><div>2.598876211353316</div><div>Response headers</div><div>content-type: application/json; charset=utf-8 date: Wed, 29 Jan 2025 22:34:51 GMT server: Kestrel</div></div> <div><div>Download</div></div>

Responses

Code	Description	Links
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# Question #7

q7

GET /api/q7/timemachine

Parameters

Cancel

Name	Description
days	<input type="text" value="1"/>
integer(\$int32)	
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'https://localhost:7236/api/q7/timemachine?days=1' \
-H 'accept: text/plain'
```

Request URL

```
https://localhost:7236/api/q7/timemachine?days=1
```

Responses

Curl

```
curl -X 'GET' \
'https://localhost:7236/api/q7/timemachine?days=1' \
-H 'accept: text/plain'
```

Request URL

```
https://localhost:7236/api/q7/timemachine?days=1
```

Server response

Code	Details
200	<div><div>Response body</div><div>2025-01-30</div><div><div>Download</div></div></div> <div><div>Response headers</div><div>content-type: text/plain; charset=utf-8 date: Wed, 29 Jan 2025 22:47:08 GMT server: Kestrel</div></div>

Responses

Code	Description	Links
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# Question #8

q8

POST /api/q8/squashfellows

Parameters

No parameters

Request body

application/x-www-form-urlencoded

small

integer(\$int32)

01

☐ Send empty value

large

integer(\$int32)

01

☐ Send empty value

Execute

Clear

Responses

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'https://localhost:7261/api/q8/squashfellows' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/x-www-form-urlencoded' \
  -d 'small=01&large=01'
```

Request URL

https://localhost:7261/api/q8/squashfellows

Server response

Code	Details
200	<div><div>Response body</div><div>1 Small @ \$25.50 = \$25.5; 1 Small @ \$25.50 = \$40.5; Subtotal = \$66; Tax = \$8.58 HST; Total = \$74.58</div><div><div>Download</div></div></div> <div><div>Response headers</div><div>content-type: text/plain; charset=utf-8 date: Wed, 29 Jan 2025 23:09:22 GMT server: Kestrel</div></div>