

PART 1

UDP Scenario 1

<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_server.py 127.0.0.1 34567</pre>	<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_client.py HELLO 127.0.0.1 34567 2875 Connection established 2875 127.0.0.1 34567 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453></pre>
---	--

UDP Scenario 2

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_client.py HELLO 127.0.0.1 34567 2875
Connection Failure
PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453>
```

UDP Scenario 3

<pre>PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_client.py HELLO 127.0.0.1 34567 2875 Connection Failure PS C:\Users\WillP>python UDP_client.py HELLO 127.0.0.1 34567 2875 Connection established 2875 127.0.0.1 34567PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_client.py HELLO 127.0.0.1 34567 2875 Connection Error 2875 Please enter a valid numerical identifier:</pre>	<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_server.py 127.0.0.1 34567</pre>
--	---

TCP Scenario 1

<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 python TCP_server.py 127.0.0.1 34567 r 2022\CS 453> █</pre>	<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> p python TCP_client.py HELLO 127.0.0.1 34567 2875 b'OK 2875 127.0.0.1 62019' Connection established 2875 127.0.0.1 34567 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> █</pre>
--	---

TCP Scenario 2

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python TCP_client.py HELLO 127.0.0.1 34567 2875
Connection Failure
PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> █
```

TCP Scenario 3

<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 python TCP_server.py 127.0.0.1 34567 r 2022\CS 453> █</pre>	<pre>Windows PowerShell Copyright (C) Microsoft Corporation. All rights reserved. Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> p python TCP_client.py HELLO 127.0.0.1 34567 2875 Connection established 2875 127.0.0.1 34567 PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> p python TCP_client.py HELLO 127.0.0.1 34567 2875 Connection Error 2875 Please enter a valid numerical identifier: █</pre>
--	---

PART 2

UDP Scenario 4

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python UDP_client.py HELLO 128.119.245.12 7500 2876
Connection established 2876 128.119.245.12 7500
PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> █
```

TCP Scenario 5

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> python TCP_client.py HELLO 128.119.245.12 7500 2876
Connection established 2876 128.119.245.12 7500
PS C:\Users\WillP\Documents\School\UMASS Summer 2022\CS 453> █
```