

CYB 210 3-3 Activity: Subnetting Practice

Andree Salvo
Southern New Hampshire University
Cyb 210
Instructor: Bruce Gonzalez
2/28/2025

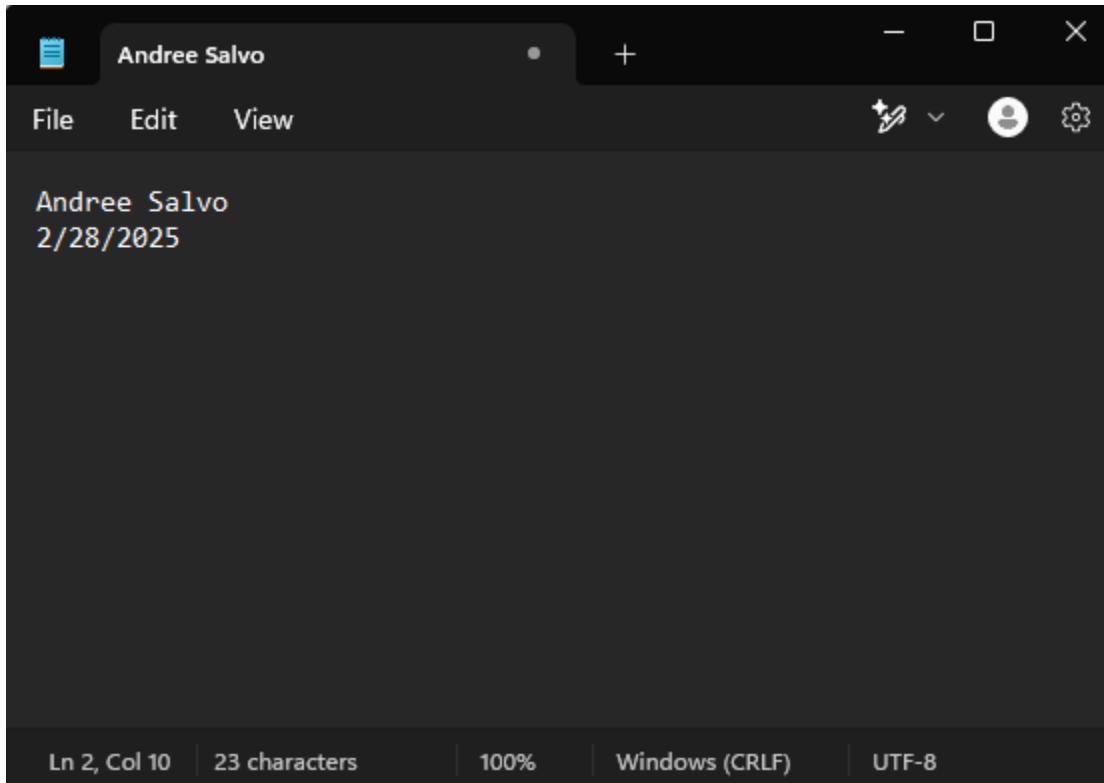
First Problem:

Practice Subnetting IPv4:

- To learn how to Subnet: watch the [free training videos](#) listed beneath the problem generator
- To practice Subnetting: Click on the [New Problem] button below
- Solve the five attributes for the given Target IP and CIDR
- Click [check] to check if your answer was correct
- Click [show] to view correct answers
- Type "." or "/" in any input box to jump to the next box (*desktop only*)
- Keyboard [ENTER] button will perform following action:
 - Show all
 - Check All

New Problem	Target IP address	36	.	177	.	92	.	82	/	27
-------------	-------------------	----	---	-----	---	----	---	----	---	----

	IP address	Check>Show	Answer	Correct?
Network	36 . 177 . 92 . 64	Check Show		YES
First Host	36 . 177 . 92 . 65	Check Show		YES
Last Host	36 . 177 . 92 . 94	Check Show		YES
Broadcast	36 . 177 . 92 . 95	Check Show		YES
Next Subnet	36 . 177 . 92 . 96	Check Show		YES
Check or Show ALL		Check Show		



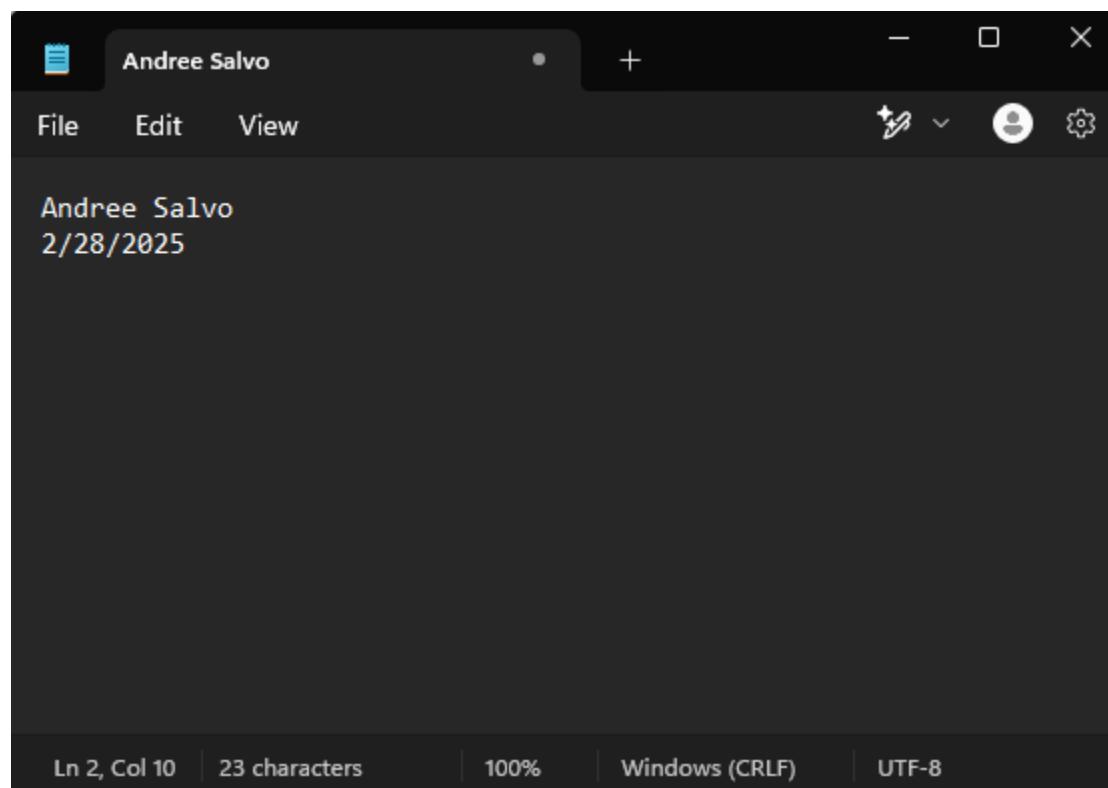
Second Problem:

Practice Subnetting IPv4:

- To learn how to Subnet: watch the [free training videos](#) listed beneath the problem generator
- To practice Subnetting: Click on the [New Problem] button below
- Solve the five attributes for the given Target IP and CIDR
- Click [Check] to check if your answer was correct
- Click [Show] to view correct answers
- Type "." or "/" in any input box to jump to the next box (*desktop only*)
- Keyboard [ENTER] button will perform following action:
 Show all Check All

New Problem	Target IP address	222	.	218	.	169	.	192	/	25
-------------	-------------------	-----	---	-----	---	-----	---	-----	---	----

	IP address	Check>Show		Answer	Correct?
Network	222 . 218 . 169 . 128	Check	Show		YES
First Host	222 . 218 . 169 . 129	Check	Show		YES
Last Host	222 . 218 . 169 . 254	Check	Show		YES
Broadcast	222 . 218 . 169 . 255	Check	Show		YES
Next Subnet	222 . 218 . 170 . 0	Check	Show		YES
Check or Show ALL		Check	Show		



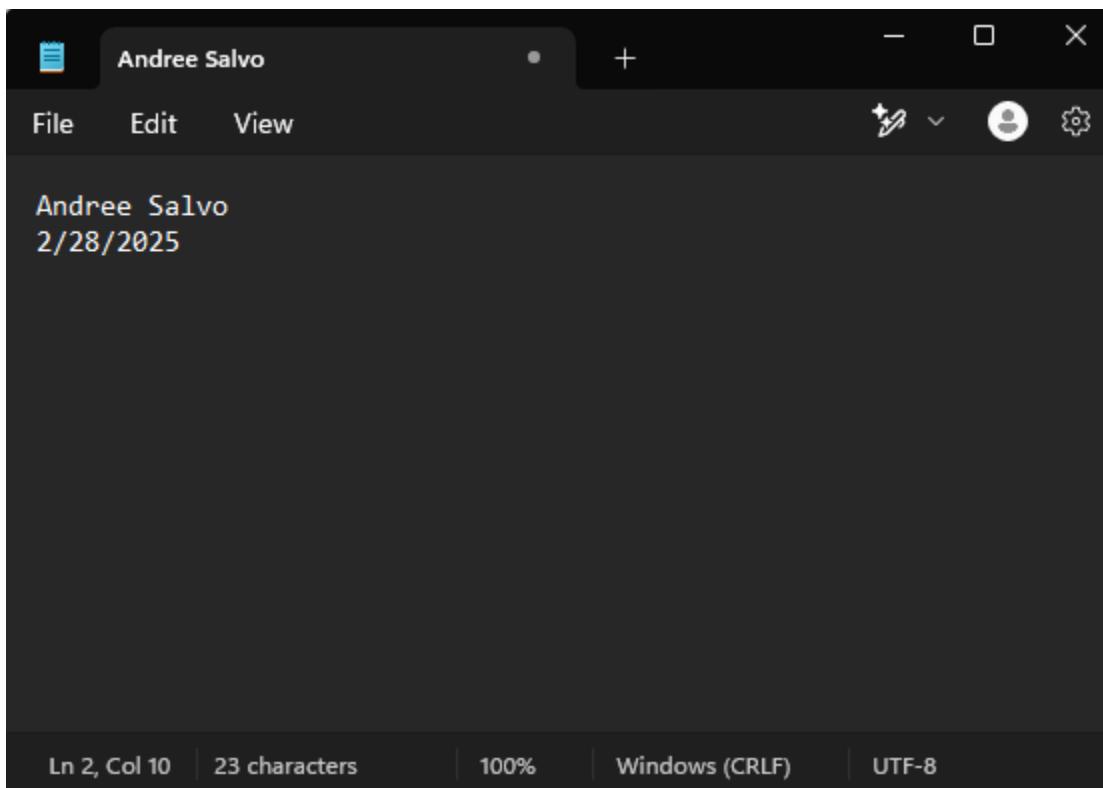
Third Problem:

Practice Subnetting IPv4:

- To learn how to Subnet: watch the [free training videos](#) listed beneath the problem generator
- To practice Subnetting: Click on the [New Problem] button below
- Solve the five attributes for the given Target IP and CIDR
- Click [Check] to check if your answer was correct
- Click [Show] to view correct answers
- Type "." or "/" in any input box to jump to the next box (*desktop only*)
- Keyboard [ENTER] button will perform following action:
 - Show all
 - Check All

New Problem	Target IP address	131	.	116	.	167	.	219	/	21
-------------	-------------------	-----	---	-----	---	-----	---	-----	---	----

	IP address	Check>Show		Answer	Correct?
Network	131 . 116 . 160 . 0	Check	Show		YES
First Host	131 . 116 . 160 . 1	Check	Show		YES
Last Host	131 . 116 . 167 . 254	Check	Show		YES
Broadcast	131 . 116 . 167 . 255	Check	Show		YES
Next Subnet	131 . 116 . 168 . 0	Check	Show		YES
Check or Show ALL		Check	Show		



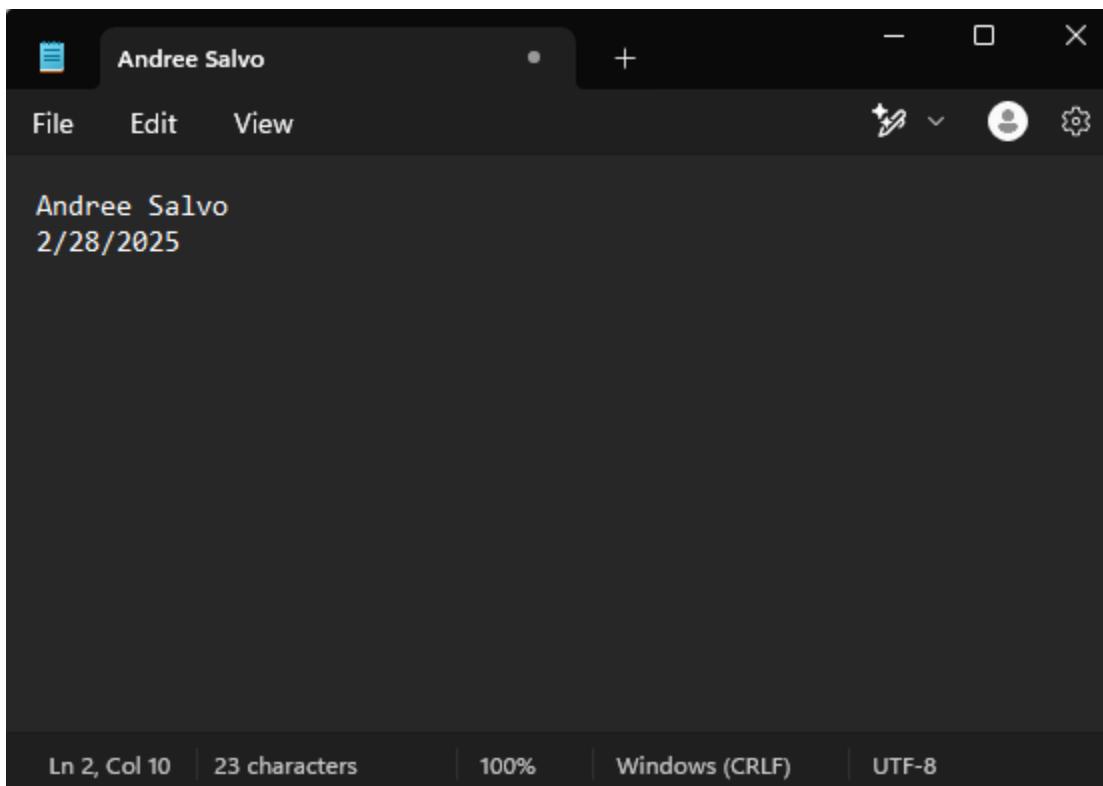
Fourth Problem:

Practice Subnetting IPv4:

- To learn how to Subnet: watch the [free training videos](#) listed beneath the problem generator
- To practice Subnetting: Click on the [New Problem] button below
- Solve the five attributes for the given Target IP and CIDR
- Click [Check] to check if your answer was correct
- Click [Show] to view correct answers
- Type "." or "/" in any input box to jump to the next box (*desktop only*)
- Keyboard [ENTER] button will perform following action:
 Show all Check All

New Problem	Target IP address	213	.	32	.	75	.	19	/	29
-------------	-------------------	-----	---	----	---	----	---	----	---	----

	IP address	Check>Show		Answer	Correct?
Network	213 . 32 . 75 . 16	Check	Show		YES
First Host	213 . 32 . 75 . 17	Check	Show		YES
Last Host	213 . 32 . 75 . 22	Check	Show		YES
Broadcast	213 . 32 . 75 . 23	Check	Show		YES
Next Subnet	213 . 32 . 75 . 24	Check	Show		YES
Check or Show ALL			Check	Show	



Fifth Problem:

Practice Subnetting IPv4:

- To learn how to Subnet: watch the [free training videos](#) listed beneath the problem generator
- To practice Subnetting: Click on the [New Problem] button below
- Solve the five attributes for the given Target IP and CIDR
- Click [Check] to check if your answer was correct
- Click [Show] to view correct answers
- Type "." or "/" in any input box to jump to the next box (*desktop only*)
- Keyboard [ENTER] button will perform following action:
 - Show all
 - Check All

New Problem	Target IP address	218	.	137	.	55	.	123	/	26
-------------	-------------------	-----	---	-----	---	----	---	-----	---	----

	IP address	Check>Show		Answer	Correct?
Network	218 . 137 . 55 . 64	Check	Show		YES
First Host	218 . 137 . 55 . 65	Check	Show		YES
Last Host	218 . 137 . 55 . 126	Check	Show		YES
Broadcast	218 . 137 . 55 . 127	Check	Show		YES
Next Subnet	218 . 137 . 55 . 128	Check	Show		YES
Check or Show ALL		Check	Show		

