

# CYB 210 3-3 Activity: Subnetting Practice

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Cyb 210

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2/28/2025

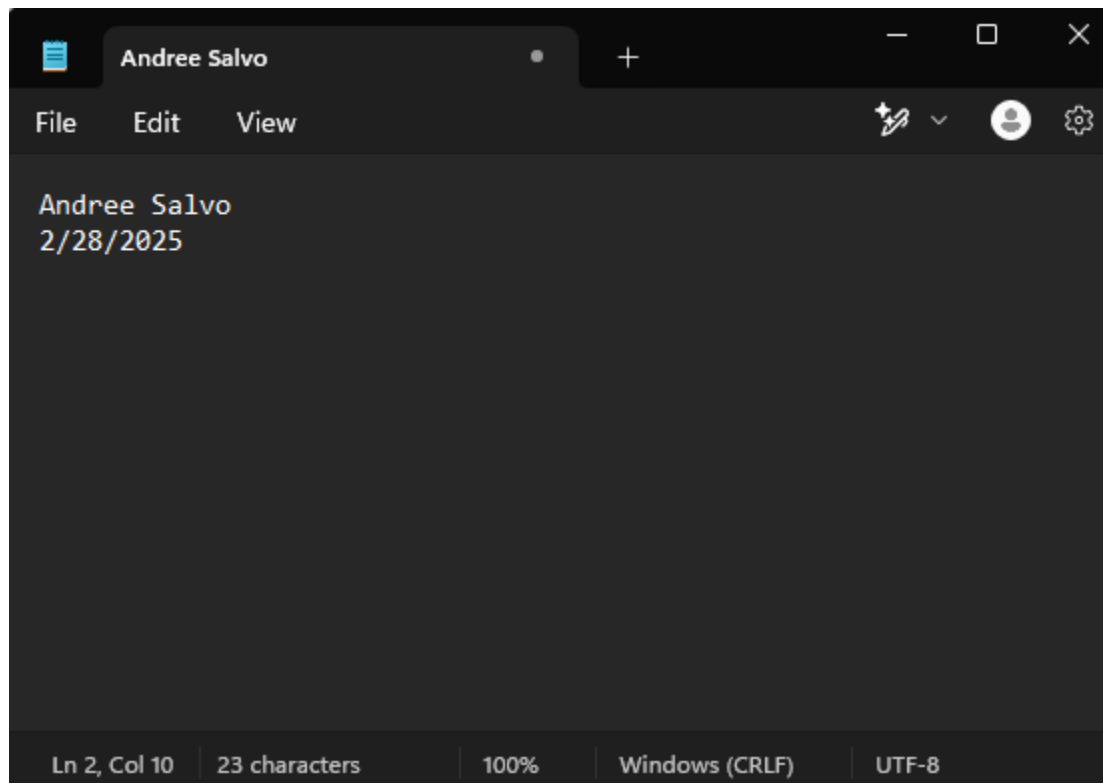
## First Problem:

### 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
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	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		



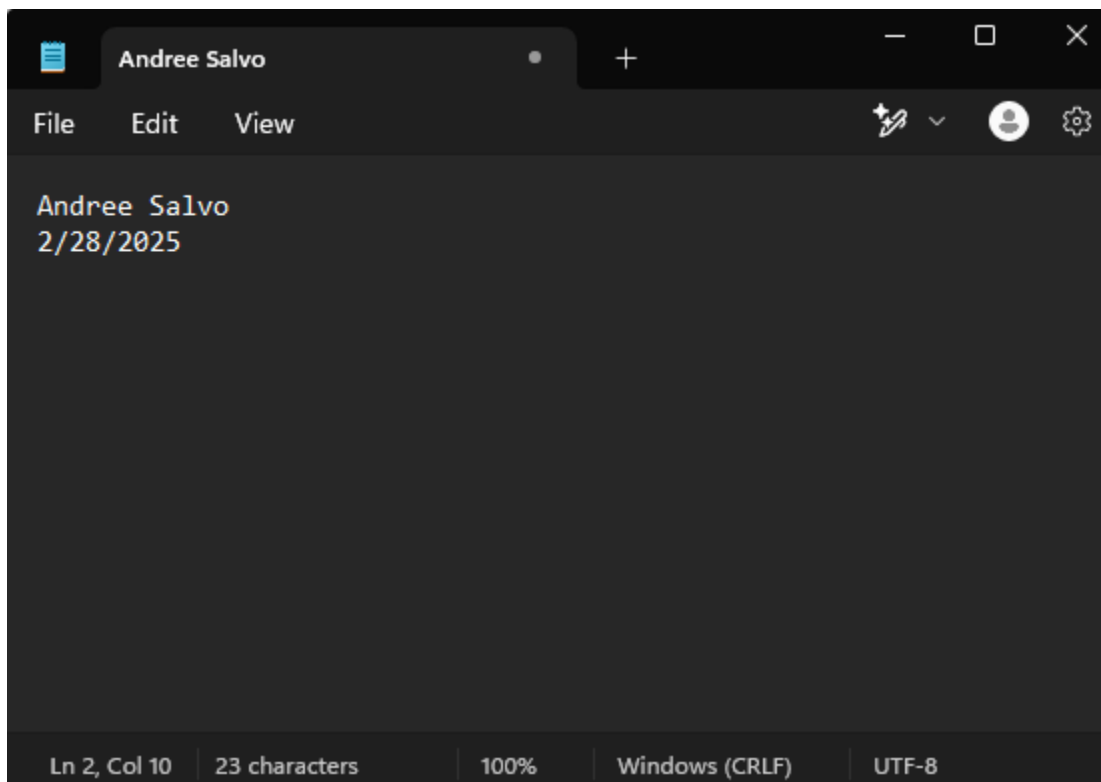
## Second Problem:

### 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
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	IP address	Check/Show	Answer	Correct?
Network	222 . 218 . 169 . 128	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
First Host	222 . 218 . 169 . 129	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Last Host	222 . 218 . 169 . 254	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Broadcast	222 . 218 . 169 . 255	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Next Subnet	222 . 218 . 170 . 0	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
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
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	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		

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Ln 2, Col 10 | 23 characters | 100% | Windows (CRLF) | UTF-8

#### 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
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	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		

The screenshot shows a code editor window with a dark theme. The title bar at the top says 'Andree Salvo'. Below the title bar is a menu bar with 'File', 'Edit', and 'View'. On the right side of the menu bar are icons for a search, a dropdown arrow, a user profile, and a settings gear. The main area of the editor is dark and contains the text 'Andree Salvo' followed by '2/28/2025' on the next line. At the bottom of the window, there is a status bar with the following information: 'Ln 2, Col 10', '23 characters', '100%', 'Windows (CRLF)', and 'UTF-8'.

## 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
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	IP address	Check/Show	Answer	Correct?
Network	218 . 137 . 55 . 64	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
First Host	218 . 137 . 55 . 65	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Last Host	218 . 137 . 55 . 126	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Broadcast	218 . 137 . 55 . 127	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Next Subnet	218 . 137 . 55 . 128	Check Show	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>	YES <input type="text"/>
Check or Show ALL		Check Show		

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