

# Ø¥Ø·Ù,,Ø§Ù, Ø§Ù,,Ø¹Ù†Ø§Ù† Ù,,Ù,Ù^Ø© Commandline Zsh: Ø-Ù,,ÙšÙ,, Ø´Ø§Ù...Ù,, Ù,,Ù...Ù^Ø±Ø-Ùš Ø§Ù,,Ø£Ø¹Ù...Ø§Ù,,

ÙÙš Ø-ÙšØ|Ø© Ø§Ù,,Ø£Ø¹Ù...Ø§Ù,, Ø³Ø±ÙšØ¹Ø© Ø§Ù,,Ù-ØªÙšØ±Ø© Ø§Ù,,ÙšÙ-Ù...Ø£ ØªØ¹Ø-Ø§Ù,,ÙfØ§Ø§Ø©  
Ù-Ø§Ù,,Ø¥Ù†ØªØ§Ù-ÙšØ© Ø£Ù...Ø±ÙšÙ† Ø£Ø³Ø§Ø³ÙšÙšÙ†. ØªÙ-ÙØ± Commandline ZshØ£ Ù-Ù†Ùš Ø°Ù,,Ø§Ù Ø£Ù-Ø§Ù...Ø±  
Ù,Ù-ÙšØ£ Ù,,Ù...Ù-Ø±Ø-Ùš Ø§Ù,,Ø£Ø¹Ù...Ø§Ù,, Ù...Ø-Ù...Ù-Ø¹Ø© ÙfØ-ÙšØ±Ø© Ù...Ù† Ø§Ù,,ÙØ±Øµ Ù,,ØªØ-Ø³ÙšØ- Ø³ÙšØ±  
Ø§Ù,,Ø¹Ù...Ù,, Ù,,Ø-ÙšÙ†Ù... Ù-Ø£ØªÙ...ØªØ© Ø§Ù,,Ù...Ù†Ø§Ù... Ù-ØªØ³ÙšÙ† Ø¥Ù†ØªØ§Ù-ÙšØªÙ†Ù... Ø-Ø-ÙfÙ,, Ø¹Ø§Ù...

## ÙÙ†Ù... Commandline Zsh

Commandline Zsh Ø°Ù,,Ø§Ù Ù...ØªØ¹Ø-Ø-Ø§Ù,,Ø§Ø³ØªØ©Ø-Ø§Ù...Ø§Øª Ù-Ù,Ø§Ø-Ù,, Ù,,Ù,,ØªØ©ØµÙšØµ ÙšÙ-ÙØ± Ù-Ø§Ù-Ù†Ø©  
Ø£ÙfØ«Ø± ÙfÙØ§Ø§Ø© Ù-Ø³Ù†Ù-Ù,,Ø© ÙÙš Ø§Ù,,Ø§Ø³ØªØ©Ø-Ø§Ù... Ù...Ù,,Ø§Ø±Ù†Ø©Ù< Ø-Ø§Ù,,Ø£Ø°Ù,,ÙØ©  
Ø§Ù,,ØªÙ,,Ù,,ÙšØ-ÙšØ© Ù...Ø«Ù,, Bash. ÙšØªÙ...ÙšØ² Ø-Ù-Ù...Ù-Ø¹Ø© Ø°Ù†ÙšØ© Ù...Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ø§Ù,,Ù...Ø¶Ù...  
Ù†Ø© Ù-Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ø§Ù,,Ø©Ø§Ø±Ø-ÙšØ© Ù-Ø§Ù,,Ø£Ø³Ù...Ø§Ø§ Ø§Ù,,Ù...Ø³ØªØ¹Ø§Ø±Ø©Ø£ Ù...Ù...Ø§ ÙšØ³Ù...Ø-  
Ù,,Ù,,Ù...Ø³ØªØ©Ø-Ù...ÙšÙ† Ø-Ø£Ø-Ø§Ø§ Ù...Ø-Ù...Ù-Ø¹Ø© Ù-Ø§Ø³Ø¹Ø© Ù...Ù† Ø§Ù,,Ù...Ù†Ø§Ù... Ø-ÙfÙ,, Ø³Ù†Ù-Ù,,Ø©.

- Ù...Ù-Ø-Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø±: Ù...Ù-Ø-Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù†Ù-Ù†Ù,,Ø-Ø© Ø§Ù,,Ø-Ø-Ø§ÙšØ© Ù,,Ø¥Ø-Ø©Ø§Ù,, Ø§Ù,,Ø£Ù-Ø§Ù...Ø±. ÙšØªÙfÙ-Ù† Ø¹Ø§Ø-Ø©Ù< Ù...Ù† Ø§Ø³Ù... Ø§Ù,,Ù...Ø³ØªØ©Ø-Ù... Ø§Ù,,Ø§Ù,,Ùš Ù-Ø§Ø³Ù... Ø§Ù,,Ù... Ø¶ÙšÙ Ù-Ù...Ø³Ø§Ø± Ø§Ù,,Ø¹Ù...Ù,, Ø§Ù,,ØØ§Ù,,Ùš.
- Ø§Ù,,Ø£Ù-Ø§Ù...Ø±: Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù†Ùš ØªØ¹Ù,,ÙšÙ...Ø§Øª ØªØ©Ø-Ø± Ø§Ù,,ØªÙ,,Ø§Ù Ø-ØªÙ†ÙšØ° Ù...Ù†Ø§Ù... Ù... ØØ-Ø-Ø©. ÙšÙ...ÙfÙ† Ø£Ù† ØªÙfÙ-Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù...Ø¶Ù...Ù†Ø©Ø£ Ù-Ù†Ùš Ø-Ø²Ø§ Ù...Ù† Ø§Ù,,Ø°Ù,,Ø§Ù Ù†ÙØ³Ù†Ø£ Ø£Ù-Ø©Ø§Ø±Ø-ÙšØ©Ø£ Ù-Ù†Ùš Ø-Ø±Ø§Ù...Ø- Ù...Ù†ÙØµÙ,,Ø© ÙšØªÙ... ØªÙ†ÙšØ°Ù†Ø§ Ø-Ù-Ø§Ø³Ø-Ø© Ø§Ù,,Ø°Ù,,Ø§Ù.
- Ø§Ù,,Ù-Ø³ÙšØ-Ø§Øª: Ø§Ù,,Ù-Ø³ÙšØ-Ø§Øª Ù†Ùš Ù...Ø¹Ù,,Ù-Ù...Ø§Øª Ø¥Ø¶Ø§ÙšÙšØ© ÙšÙ...ÙfÙ† ØªÙ...Ø±ÙšØ±Ù†Ø§ Ø¥Ù,,Ù% Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù,,ØªØ¹Ø-ÙšÙ,, Ø³Ù,,Ù-ÙfÙ†Ø§. Ø¹Ø§Ø-Ø©Ù< Ù...Ø§ ÙšØªÙ... ØªØ©Ø-ÙšØ-Ø§Ù,,Ù-Ø³ÙšØ-Ø§Øª Ø-Ø¹Ø-Ø§Ø³Ù... Ø§Ù,,Ø£Ù...Ø±.

## ØªØ«Ø-ÙšØª Ù-ØªÙfÙ-ÙšÙ† Commandline Zsh

ØªØ¹Ø-Ø¹Ù...Ù,,ÙšØ© ØªØ«Ø-ÙšØª Ù-ØªÙfÙ-ÙšÙ† Commandline Zsh Ø¹Ù...Ù,,ÙšØ© Ù...Ø-Ø§Ø°Ø±Ø©. ØªØªÙ-ÙØ± Ø§Ù,,ØªØ¹Ù,,ÙšÙ...Ø§Øª Ø§Ù,,ØªÙØµÙšÙ,,ÙšØ© Ø¹Ø-Ø± Ø§Ù,,Ø¥Ù†ØªØªÙ†Øª Ù,,Ø£Ù†Ø,,Ù...Ø© Ø§Ù,,ØªØ-ØªÙšÙ,, Ø§Ù,,Ù... Ø©ØªÙ,,ÙØ©.

- Ø§Ù,,ØªØ«Ø-ÙšØª: Ø§ØªØ-Ø¹ ØªØ¹Ù,,ÙšÙ...Ø§Øª Ø§Ù,,ØªØ«Ø-ÙšØª Ø§Ù,,Ù...Ù†Ø§Ø³Ø-Ø© Ù,,Ù†Ø,,Ø§Ù... Ø§Ù,,ØªØ-ØªÙšÙ,, Ø§Ù,,Ø©Ø§Øµ Ø-ÙfÙ Ù,,ØªØ«Ø-ÙšØª Commandline Zsh.
- ØªØ¹ÙšÙšÙ† Ø§Ù,,ØªÙ,,Ø§Ù Ø§Ù,,Ø§ÙØªØ±Ø§Ø¶Ùš: Ø-Ù-Ù-Ø-Ø±Ø-Ø§Ù,,ØªØ«Ø-ÙšØªØ£ ÙšÙ...ÙfÙ†Ùf ØªØ¹ÙšÙšÙ† Commandline Zsh ÙfØ°Ù,,Ø§Ù Ø§ÙØªØ±Ø§Ø¶Ùš Ù,,Ø-ÙšÙf Ø¹Ù† Ø-Ø±ÙšÙ,, ØªØ¹Ø-ÙšÙ,, Ù...Ù,,ÙØ§Øª ØªÙfÙ-ÙšÙ† Ø§Ù,,Ù†Ø,,Ø§Ù... Ø§Ù,,Ø©Ø§Øµ Ø-Ùf.
- ØªØ©ØµÙšØµ Ù...Ù-Ø-Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø±: Ù...Ù...Ø-ØªØ©ØµÙšØµ Ù...Ø,,Ù†Ø± Ù...Ù-Ø-Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ø§Ù,,Ø©Ø§Øµ Ø-Ùf Ø¹Ù† Ø-Ø±ÙšÙ,, ØªØªÙšØ± Ù...Ù,,Ù .zshrc.
- ØªØ«Ø-ÙšØª Ø§Ù,,Ù...ÙfÙ-Ù†Ø§Øª Ø§Ù,,Ø¥Ø¶Ø§ÙšÙšØ©: Ø¹Ø²Ø² Ù-Ø,,Ø§Ø|Ù Commandline Zsh Ø¹Ù† Ø-Ø±ÙšÙ,, ØªØ«Ø-ÙšØª Ø§Ù,,Ù...ÙfÙ-Ù†Ø§Øª Ø§Ù,,Ø¥Ø¶Ø§ÙšÙšØ© Ø§Ù,,Ù...ÙšØ-Ø©.

## Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ø§Ù,,Ø£Ø³Ø§Ø³ÙšØ© Ù,,Ù...Ù-Ø±Ø-Ùš Ø§Ù,,Ø£Ø¹Ù...Ø§Ù,,

ÙšÙ-ÙØ± Commandline Zsh Ù...Ø-Ù...Ù-Ø¹Ø© ÙfØ-ÙšØ±Ø© Ù...Ù† Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ø§Ù,,ØªÙš ÙšÙ...ÙfÙ† Ø£Ù† ØªÙfÙ-Ù† Ù,,Ø§ ØªÙ,,Ø-Ø± Ø-Ø«Ù...Ù† Ù,,Ù...Ù-Ø±Ø-Ùš Ø§Ù,,Ø£Ø¹Ù...Ø§Ù,,.

- Ø¥Ø-Ø§Ø±Ø© Ø§Ù,,Ù...Ù,,ÙØ§Øª: ØªØªÙšØ Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù...Ø«Ù,, 'ls' Ù-Ù'cp' Ù-Ù'mv' Ù-Ù'rm' Ù...Ø¹Ø§Ù,,Ø-Ø© Ù-ØªÙ†Ø,,ÙšÙ... Ø§Ù,,Ù...Ù,,ÙØ§Øª Ø-ÙfÙØ§Ø§Ø©.
- Ù...Ø¹Ø§Ù,,Ø-Ø© Ø§Ù,,Ù†ØµÙ-Øµ: ØªØªÙšØ Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù...Ø«Ù,, 'grep' Ù-Ù'sed' Ù-Ù'awk' Ù...Ø¹Ø§Ù,,Ø-Ø© Ø§Ù,,Ù†ØµÙ-Øµ Ù...Ø¹Ø§Ù,,Ø-ØªÙ†Ø§ Ø-Ø-ÙfÙ,, Ù,Ù-Ùš.
- Ø§Ù,,Ø-Ø-ÙfØ§Øª: ØªÙ-ÙØ± Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù...Ø«Ù,, 'ping' Ù-Ù'traceroute' Ù-Ù'netstat' Ø±Ø±% ØÙÙ,, Ø§ØªØµØ§Ù,, Ø§Ù,,Ø-Ø-ÙfØ© Ù-Ø£Ø-Ø§Ø|Ù†Ø§.
- Ø¥Ø-Ø§Ø±Ø© Ø§Ù,,Ù†Ø,,Ø§Ù...: ØªÙ-ÙØ± Ø§Ù,,Ø£Ù-Ø§Ù...Ø± Ù...Ø«Ù,, 'top' Ù-Ù'ps' Ù-Ù'df' Ù...Ø¹Ù,,Ù-Ù...Ø§Øª Ù,ÙšÙ...Ø© Ø-ÙÙ,, Ù...Ù-Ø§Ø±Ø-Ø§Ù,,Ù†Ø,,Ø§Ù... Ù-Ø§Ù,,Ø¹Ù...Ù,,ÙšØ§Øª.

## Ø£ØªÙ...ØªØ© Ø§Ù,,Ù...Ù†Ø§Ù... Ø-Ø§Ø³ØªØ©Ø-Ø§Ù... Ø§Ù,,Ø-Ø±Ø§Ù...Ø-Ø§Ù,,Ù†ØµÙšØ©

ÙšØªÙšÙ Ù,,Ùf Commandline Zsh Ø£ØªÙ...ØªØ© Ø§Ù,,Ù...Ù†Ø§Ù... Ø§Ù,,Ù...ØªÙfØ±Ø±Ø© Ø¹Ù† Ø-Ø±ÙšÙ, ÙfØªØ§Ø-Ø© Ø§Ù,,Ø-Ø±Ø§Ù...Ø-Ø§Ù,,Ù†ØµÙšØ©. Ø§Ù,,Ø-Ø±Ø§Ù...Ø-Ø§Ù,,Ù†ØµÙšØ© Ù†Ùš Ù...Ù,,ÙØ§Øª Ù†ØµÙšØ© ØªØªÙ-ÙšØ¹Ù,,Ù%.

03ù,,03ù,,00 ù...ù† 0Sù,,0Eù†0Sù...0± 0Sù,,0°ùŠ ùŠ0°ù... 0°ù†ùŠ0°ù†0S 0° 0Sù,,0°0°0S0°°0¹.

- 0Sù,,0°0±ù†ùŠ0°°: 0°0°ù... ù†0°0S0°°00 0Sù,,0°°0±0Sù...0- 0Sù,,ù†0μùŠ00 0°°0S0°0°00°0°0°0Sù... ù,,0°00 0°°0±ù... 0-00 Zsh00E ù°0Sù,,0°ùŠ 0°0°0°ù°ùŠ 0¹ù,,ù%ù ù,ù°0S0¹0° ù†0ù°ùŠ00 ù°ù†ùŠ0Sù†ù,, 0°0ù†ù... 000S0μ00 0°ù†0S.
- 0Sù,,ù...0°0°ùŠ0±0S0°°: ùŠù...ù†ù† ù,,ù,,0°°0±0Sù...0- 0Sù,,ù†0μùŠ00 0Sù,,0S0°0°ù†0S0°°00 ù...ù† 0Sù,,ù... 0°0°ùŠ0±0S0° ù,,0°000²ùŠù† 0Sù,,0°°ùŠ0Sù†0S0° ù°ù...0¹0Sù,,0-0°ù†0S.
- ù†ùŠ0Sù†ù,, 0Sù,,0°0ù†ù...: ùŠù...ù†ù† ù,,ù,,0°°0±0Sù...0- 0Sù,,ù†0μùŠ00 0S0°0°00°0°0Sù... ù†ùŠ0Sù†ù,, 0Sù,,0°0- ù†ù... ù...0°ù,, 'if' ù°for' ù°while' ù,,ù,,0°0ù†ù... ùùŠ 0°0°ùù, 0Sù,,0°ù†ùùŠ0°.

**0°000μùŠ0μ 0°ùŠ0°|00 Commandline Zsh**

ùŠ0°ù...0 Commandline Zsh 0°°0°000μùŠ0μ ù°0S0°0¹ 0Sù,,ù†0°0Sù, ù,,0°ù†0S0°0°° 0Sù,,0°ù†0¶ùŠù,,0S0° ù°0Sù,,ù... 0°0-ù,,0° 0S0° 0Sù,,ù0±0°ùŠ00.

- 0°000μùŠ0μ ù...ù°0-ù† 0Sù,,0Eù†0Sù...0±: ù,ù... 0°°0°ùŠùŠ0± ù...0,ù†0± ù...ù°0-ù† 0Sù,,0Eù†0Sù...0± 0¹ù† 0-0±ùŠù, 0°0°0°ùŠù, ù...ù,,ù .zshrc.
- 0S000°0μ0S0±0S0° ù,,ù°00 0Sù,,ù...ù0S0°ùŠ0: ù,ù... 0°°0°ùŠùŠù† 0S000°0μ0S0±0S0° ù,,ù°00 0Sù,,ù... ù0S0°ùŠ0 ù,,ù,,0Eù†0Sù...0± 0Sù,,ù...0°0°00°0°ù...00 0°°0°ù†ù,, ù...0°ù†0±0± ù,,ù,,ù°0μù°ù,, 0Yù,,ùùù†0S 0°°0°ù†ù,, 0E0°0±0¹.
- 0Sù,,0E0°ù...0S0°; 0Sù,,ù...0°0°0°10S0±00: ù,ù... 0°°0Yù†0°0S0°; 0E0°ù...0S0°; ù...0°0°0¹0S0±00 ù,,ù,,0Eù†0Sù...0± 0Sù,,ù...0°0°00°0°ù...00 0°°0°ù†ù,, ù...0°ù†0±0± ù,,0°0°°0°ùŠ0° 0S0°0°0°0°ùŠ0°|ù†0S.

**0S0°0°ù†0°0Sù 0Sù,,0E000°0S0°; ù°0Y0μù,,0S0ù†0S ùùŠ 0Sù,,ù...0°ù†ù,,0S0° 0Sù,,0°0S0°|0¹00**

0E0°ù†0S0°; 0S0°0°00°0°0Sù... Commandline Zsh0E ù,0° ù°ù°0S0°-ù† ù...0°ù†ù,,0S0° 0°0S0°|0¹00. ùùùù...0S ùùù,,ùŠ 0°°0°ù† ù†0μ0S0°|0 0S0°0°ù†0°0Sù 0Sù,,0E000°0S0°; ù°0Y0μù,,0S0ù†0S:

- 0E000°0S0°; 0Sù,,0E0°ù°ù†0S0°: 0°0Eù†0° ù...ù† 0Eù† ù,,0°ùùù† 0Sù,,0E0°ù°ù†0S0° 0Sù,,ù,,0S0²ù...00 ù,,0Y0-0±0S0°; 0Sù,,0¹ù...ù,,ùŠ00 0Sù,,ù...0-ù,,ù°0°.
- 0E000°0S0°; 0Sù,,0Eù...0± 0°ùŠ0± ù...ù°0-ù°0°: 0°0ù,ù, ù...ù† ù†0°0S0°°00 0Sù,,0Eù...0± 0°°0°ù†ù,, 0μ0ùŠ0- ù°0Eù†ù† ù...0°ù°ù0± ùùŠ ù...0°0S0± ù†0,0Sù...ù†.
- 0E000°0S0°; 0°ù†0S0°; 0Sù,,0-ù...ù,,00: 0°0ù,ù, ù...ù† ù°0-ù°0° 0E000°0S0°; ù...0-0°°0¹ùŠ00 0Eù° ù°ù†0S0°; 0-ù... ù,,00 0°ùùŠ0± 0μ0ùùŠ0 ùùù 0Eù°0Sù...0±ù† 0Eù° 0Sù,,0°°0±0Sù...0- 0Sù,,ù†0μùùŠ00 0Sù,,000S0μ00 0°ù†.

Commandline Zsh ù†ùŠ 0E0°0S0° ù,ù°ùùŠ00 ùùù...ù†ù† 0Eù† 0°0¹0²0² 0°°0°ù†ù,, ù†0°ùùŠ0± ù...ù† 0Yù†0°0S0°-ùùŠ00 ù°ù†ù†0S0°|00 ù...ù°0±0°ùùŠ 0Sù,,0E0¹ù...0Sù,, ù...ù† 00ù,,0Sù,, 0Y0°ù,0Sù† 0Sù,,ù...ù0Sùù†ùùùù... ù°0Sù,,0Eù†0Sù...0± ù°0Sù,,0°ù,ù†ùùŠ0° 0Sù,,0°ùŠ ùùŠ0°-ùùùù†0S ù†0°0S 0Sù,,0-ù,,ùùù,,0E ùùù...ù†ù†ù† 0Y0°ù,,0Sù, 0Sù,,0¹ù†0Sù† ù,,ù,,0Yù...ù†0Sùù†0S0° 0Sù,,ù†0Sù...ù,,00 ù,,ù€ Commandline Zsh ù°0°°°°0°ùŠ0° 0¹ù...ù,,ùùŠ0S0° 0¹ù...ù,,ù†.

0S0°0°ù†0°ù 0Sù,,ù,0°°0±0S0° 0Sù,,ù†0S0°|ù,,00 ù,,ù€ Commandline Zsh ù°0°0¹ù,,ù... 0°ù,ù†ùùŠ0S0° 0-0°ùùŠ0°00 0° 0S0°0°ù...0±0S0± ù,,0°0°ù,ù%ù ù...0°ù,0°ù...ù°0S ùùŠ ù...0°ù†0° 0Sù,,0E0¹ù...0Sù,, 0Sù,,0°ù†0Sùù0°ùŠ 0Sù,,ùùùù...0°

0°0°ù°ù0± ù...ù°0S0±0° ù°ù...0±0S0°-0¹ 0Y0¶0SùùùŠ00 0¹0°°0± 0Sù,,0Yù†0°0±ù†0° ù,,ù...ù°0S0μù,,00 0Sù,,0°0¹ù,,ù... ù°0Sù,,0S0°0°ù†0°0Sù 0Sù,,000S0μ 0°ù† ù,,ù€ Commandline Zsh.