Introduction to Emacs

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Text Editors

- Use a text editor when we write a program in any language.
- This video shows how to use "Emacs", which is one of the text editors.

Start Emacs

• Running Emacs on the terminal:

• Running Emacs by specifying a file name:

```
$ emacsusample.txtu&
```

If the specified file does not exit, it is newly created.

Key operations in Emacs

Every operation (read/write a file, copy & paste, and searching etc.)
in Emacs is done on the keyboard.

Notations for key operations

Notation	Key operation		
C-x	Type X key with $Ctrl$ key ¹ .		
	Type X key after typing Esc key ² .		
M-x	or		
	Type X key with Alt key ³		

¹Hold down the Control key while typing the X key.

²Press the Escape key (once) and then type the X key.

³Hold down the Alternate key while typing the X key.

Key operations in Emacs

• Example: Save a file.

• Example: Error recovery.

C-g: Type G with Ctrl key.

Key operations in Emacs

	Key operations	
Operation	Procedure 1	Procedure 2
Go forward one character.	C-f	
Go backwards one character.	С-ъ	
Go down one line.	C-n	
Go up one line.	С-р	
Go to the beginning of the line.	C-a	
Go to the end of the line.	С-е	
Scroll to next screen.	C-v	Page Down
Scroll to previous screen.	M-v	Page Up
Go to the beginning of the file.	M-<	
Go to the end of the file.	M->	
Delete the next character.	C-d	Delete
Delete the previous character.	BS	
Kill the line to the end.	C-k	

Save & Exit

Save your work without exiting:

```
C-x C-s : save the file.
```

• Save a file with a new name:

```
C-x C-w: save with a new name.
```

• Exit Emacs:

```
C-x C-c : exit.
```

Another text editors

XEmacs

XEmacs is a customizable open source text editor and is related to Emacs. Its emphasis is on modern graphical user interface.

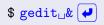
Start XEmacs:

\$ xemacs_⊥& ✓

gedit

gedit is the GNOME text editor.

Start gedit:



or another text editors are available. You can choose your better one.