

Hello. This video is a demonstration of the Shareware editor WinEdt that can be used with a MiKTeX installation on Windows. This is the look of the editor. It starts off with what you would expect - you've got the file where you can open and create a new file.

We have the menu items at the top. We have shortcuts in the middle here. And then we have these lists of symbols that can be easily accessed and added into a document.

So I'll go to the insert just to show you what's in here. Under the Insert menu are objects from this menu are object that can be inserted such as figures, tables, links. Under structures there are parts, chapter sections and subsections, etc.

Then under accessories, we can go from within the editor to the Explorer or the Command Prompt or any of these other elements here.

Right beside that are the TeX processors that we need to actually check our document and create, for example, a PDF. So these are two processors. A few more here, there's more here, and then there's that one there.

Then under Options when you first install WinEdt, there is a configuration wizard that comes up that allows you to configure it for use. And then later on you can also change Execution modes and Preferences and other things.

The shortcut menu basically allows you to do things like creating a document more directly. Click this and create PDF file directly, sorry, a Tex document directly. Or I can go in here and embedded figure or a table or a link directly. And then those processors are all listed here which I can access by clicking. In this shortcut section, the PDF viewer we will see in a minute.

And then the very last shortcut is to the Explorer and the Command prompt.

These down below that are symbols that for example, this mathematical symbol has a command attached to it. So if I want to use it, I need to know what the command is. This is a shortcut for you to be able to not have to remember these or go look them up. You can just click on it and it'll embed the command that creates these symbols. There's a whole series of them.

Then right below that we have all the files, the space where your files would be. I have a lot of files usually just have one or two. I have a lot. And the particular one that is open is this here. It's a tex file, as you can see from the filename. If we go right to the top, we'll see this is the actual look of the top of the file. Starts off with a comment and then it has the actual content for the actual file itself. And this is human readable. And you can see it's a mixture in texts with commands that are combinations of things. You can see special characters in here - forward slash, then also backslashes as well. Hashtag, dollar signs and stars. All of these make up the document that I'm going to create.

So we have specific requirements depending on the packages that you're using, depending on the class that you're using. There are specific ways in which you can combine these things in order to create a document. Once I'm done typing in my document, what I need to do is check it using one of the processors. So I will go in here because I wanted to create a PDF. I'll go under PDF and I will click on the particular processor I want to use.

Down at the bottom you'll see the progress as it checks to make sure that I'm correctly using the commands, the packages, and the class. If I'm correctly using them, there'll be no errors. And it'll return something that'll tell me how many pages I've created. So for example, here, I've got 16 pages, no errors, one warning and 18 bad boxes.

To preview this, I click the PDF viewer, which opens. And I can go into this and check to make sure that it is exactly what I need. If it's not what I need or if I made a mistake somewhere, spelling mistake or something, I go back to file and change that file, change that word wherever there's an error or add whatever I need to add in to fix it. Then I need to reprocess the file to re-create the PDF. That's what would happen if you are going to use WinEdt in combination with MiKTeX on a Windows installation to create your presentation Files or your other OER. Any kind of OER.