A Design Guide for Portable File Manipulator (POFM)

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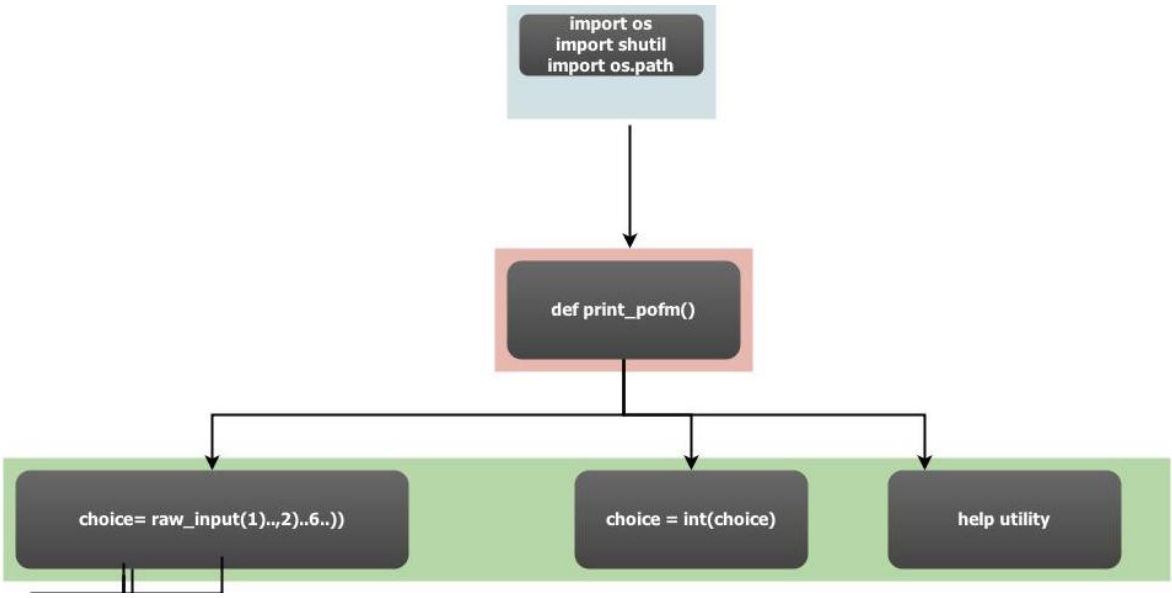
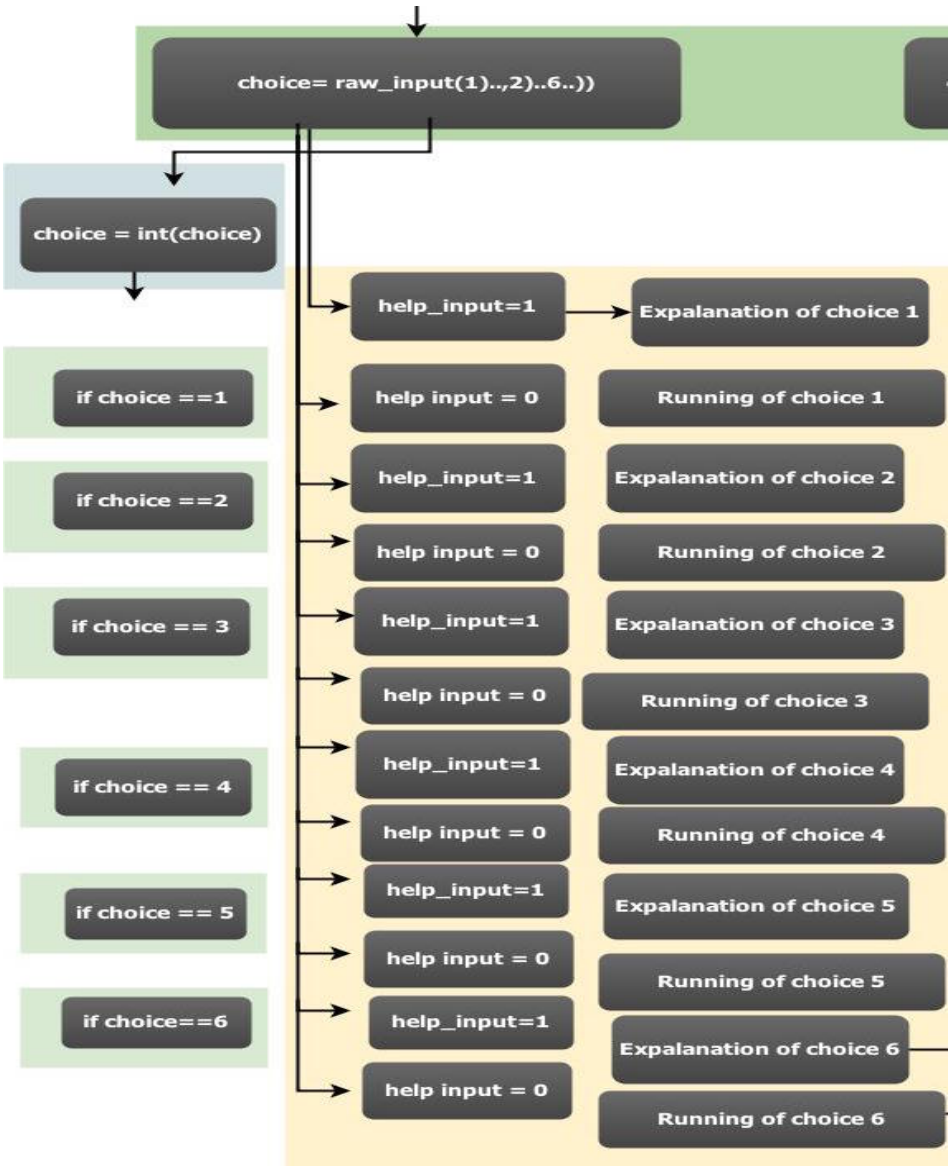
For designing portable file manipulator, we choose Python to design our codes due to its easy structure about handling processes. We collect information about the codes from Internet and some books about Python. We used different types of functions.

At the first step, we imported some libraries *(os,shutil and os.path)*to use some of functions properly. After that, we defined our function and asked user which operation s/he want to choose we used *raw_input* function here and we equalized this functions answer to *choice*. We showed this choice with *choice=int(choice)*. Then we write our code for each function with help utility and what the functions property.



For instance, if user chooses 1, it's creating a file. At the first step, we asked to the user does s/he know how to create a file. This is our help utility. If user presses 1, it means that s/he doesn't know how to create a file, so our help utility explains user how to create a file. After that, user can create her/his file. If user presses 0, it means that user knows how to create a file and program will going to ask "What is the file name that you want to create?" and "Where do you want to create your file?". After user answers these questions, file will be created.



In our code choice 1 implies creating a file, choice 2 implies deleting a file, choice 3 implies renaming a file, choice 4 implies copying a file, choice 5 implies moving a file one state to another and choice 6 implies some properties about text files. Inside the choice 6, we created a new variable, which called *chs,* we defined this *chs* variable with the input function. After choosing 6 as our choice, our program asks the user “What do you want to do with your text file? Append text to end of the file, insert text in a specific position, remove all text in the file, show the content of a text file.”. We assign *chs == 1* to append, *chs==2* to insert text, *chs==3* to remove all text *chs== 4* to show the content of a text file.