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""" writeFile.py
"""
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```
file = open("groceries.txt", "w")
file.write("eggs \n")
file.write("milk \n")
file.write("cereal \n")
file.close()
print "Wrote grocery list"
```

```
file = open("groceries.txt", "a")
file.write("chocolate \n")
file.close()
print "Updated grocery list"
```

```
""" readFile.py
    read the contents of a text file
"""
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```
file = open("groceries.txt", "r")
for line in file:
    print line.strip()
```

```
""" textEdit.py
    a simple text editor in python / tkinter
"""
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```
from Tkinter import *
import tkFileDialog
```

```
class Editor(Tk):
    def __init__(self):
        Tk.__init__(self)
        self.title("Text editor")

        menubar = Menu(self, tearoff = 0)
        self.config(menu = menubar)

        fileMenu = Menu(menubar)
        menubar.add_cascade(label = "File", menu = fileMenu)

        fileMenu.add_command(label = "New", command = self.new)
        fileMenu.add_command(label = "Save As", command = self.saveAs)
        fileMenu.add_command(label = "Open", command = self.open)
        fileMenu.add_command(label = "Exit", command = self.quit)

        self.textArea = Text(self)
        self.textArea.grid()

        self.mainloop()

    def new(self):
        self.textArea.delete(1.0, END)

    def saveAs(self):
        file = tkFileDialog.asksaveasfile()
        content = self.textArea.get(1.0, END)
        file.write(content)
        file.close()

    def open(self):
        file = tkFileDialog.askopenfile()
        text = ""
        for line in file:
            text += line

        self.new()
        self.textArea.insert(1.0, text)
        file.close()

def main():
    e = Editor()

if __name__ == "__main__":
    main()
```