

...cont'd

- 5 Next, add a statement to create a binary file for writing to
`file = open('pickle.dat' , 'wb')`
- 6 Now, add a statement to dump the values contained in the variables as data into the binary file
`pickle.dump(data , file)`
- 7 Then, after writing the file remember to close it
`file.close()`
- 8 Next, add alternative statements to open an existing file to read from if a specific data file does already exist
`else :`
`file = open('pickle.dat' , 'rb')`
- 9 Now, add statements to load the data stored in that existing file into a variable then close the file
`data = pickle.load(file)`
`file.close()`
- 10 Finally, add a statement to display the restored data
`print('\nWelcome Back To:' , data[0] , data[1])`
- 11 Save the file in your scripts directory then open a Command prompt window there and run this program – to see user input get stored in a file then get retrieved

Hot tip



Pickling is the standard way to create Python objects that can be used in other programs.

Don't forget



Although this example just stores two string values in a list, pickling can store almost any type of Python object.

```
cmd. Command Prompt
C:\MyScripts>python data.py
Enter Topic: Python
Enter Series: In Easy Steps
C:\MyScripts>python data.py
Welcome Back To: Python In Easy Steps
C:\MyScripts>
```