

## *Tekstart*

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### Python File I/O Sample Programs

Writing to a file	
<pre>fileobj=open('data.txt', 'w') name=input('Enter your name: ') age=input('Enter your age: ') fileobj.write('Name: ' + name + '\n') fileobj.write('Age: ' + age) fileobj.close()</pre>	Using write() method
<pre>fileobj=open('data.txt', 'w') name=input('Enter your name: ') age=input('Enter your age: ') print('Name: ', name, file=fileobj) print('Age: ', age, file=fileobj) fileobj.close()</pre>	Using print() function
<pre>nlist=[25,33,14,28,30] fo = open("data.txt", "w") for n in nlist:     fo.write(str(n)+'\n')     print(n, file=fo) fo.close()</pre>	Writing data in a list to a file
<pre>fileobj=open('result.txt', 'w') result={124:[45,71], 255:[63,74], 150:[82,96]} print('Index No\tICT\tGIT', file=fileobj) for n in result:     print(n, '\t\t', result[n][0], '\t',           result[n][-1], file=fileobj) fileobj.close()</pre>	Writing data in a dictionary to a file using print() function
<pre>fileobj=open('result.txt', 'w') result={124:[45,71], 255:[63,74], 150:[82,96]} fileobj.write('Index No\tICT\tGIT\n') for n in result:     fileobj.write(str(n) + '\t\t' + str(result[n][0])                  + '\t' + str(result[n][-1])+'\n') fileobj.close()</pre>	Writing data in a dictionary to a file using write() method

```
fileobj=open('data.txt', 'w')
fileobj.write('Name\tAge\n')
for n in range(5):
    name=input('Enter your name: ')
    age=input('Enter your age: ')
    fileobj.write( name + '\t'+ age + '\n')
fileobj.close()
```

Reading details of 5 students and writing to a file