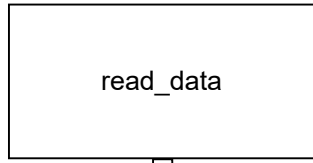
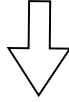
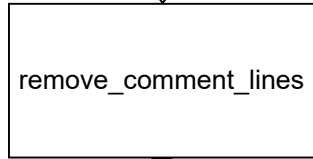


**Data Transformation
and Function Calls**

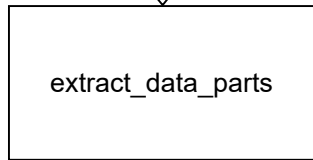
fname = "in.dat"



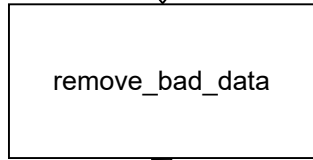
```
['# read from file data about one day ',  
 '# format: start_time:end_time:#steps',  
 '09.30AM:09.45AM:220',  
 '11.45AM:12.23PM:300',  
 '11.45AM:10.23AM:302',  
 '2.45PM:3.23PM:202',  
 '3.45PM:3.53PM:90',  
 '5.45PM:5.53PM:80',  
 '6.45PM:7.23PM:1000',  
 '10.45PM:10.53PM:102']
```



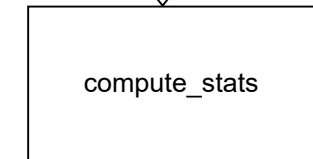
```
['09.30AM:09.45AM:220',  
 '11.45AM:12.23PM:300',  
 '11.45AM:10.23AM:302',  
 '2.45PM:3.23PM:202',  
 '3.45PM:3.53PM:90',  
 '5.45PM:5.53PM:80',  
 '6.45PM:7.23PM:1000',  
 '10.45PM:10.53PM:102']
```



```
[(570, 585, 220), (705, 743, 300), (705, 623, 302),  
 (885, 923, 202), (945, 953, 90), (1065, 1073, 80),  
 (1125, 1163, 1000), (1365, 1373, 102)]
```



```
[(570, 585, 220), (705, 743, 300),  
 (885, 923, 202), (945, 953, 90), (1065, 1073, 80),  
 (1125, 1163, 1000), (1365, 1373, 102)]
```



1994, 781

