

```
main.go X
main.go > sendJSONResponse

88         sortedArrays[i] = sorted
89         mu.Unlock()
90     }(i, arr)
91 }
92 wg.Wait()
93 elapsed := time.Since(start)
94 timeTaken := elapsed.Nanoseconds()
95
96 // Prepare and send JSON response
97 response := SortResponse{
98     SortedArrays: sortedArrays,
99     TimeNS:       timeTaken,
100 }
101 sendJSONResponse(w, response)
102 }
103
104 func sendJSONResponse(w http.ResponseWriter, data interface{}) {
105     w.Header().Set("Content-Type", "application/json")
106     w.WriteHeader(http.StatusOK)
107     w.Write(data)
108 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\VIKAS\GoServer> go run main.go
Server is listening on port 8000...
```

```
VIKAS@BHAMBHU MINGW64 ~/goserver
$ curl -X POST -H "Content-Type: application/json" -d '{"to_sort": [[3, 1, 2], [6, 4, 5], [9, 7, 8]]}' http://localhost:8000/process-single
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 111 100 65 100 46 12 9 0:00:05 0:00:05 --:--:-- 17{"sorted_arrays":[[1,2,3],[4,5,6],[7,8,9]],"time_ns":5004453300}

VIKAS@BHAMBHU MINGW64 ~/goserver
$ curl -X POST -H "Content-Type: application/json" -d '{"to_sort": [[3, 1, 2], [6, 4, 5], [9, 7, 8]]}' http://localhost:8000/process-concurrent
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 111 100 65 100 46 64 45 0:00:01 0:00:01 --:--:-- 109{"sorted_arrays":[[1,2,3],[4,5,6],[7,8,9]],"time_ns":1010146200}
```