Implement http method based configurable API rate limiter for micro-services. For each service, you will get service name, host name and port number with global rate limit and api level rate limit. In limit configuration you will get limit value and granularity for that. Granularity can be seconds, minute, hour and so on. At any point of time for a request this limit should not cross. For e.g. if limit is 10 at 1 min granularity level. So it should work fine from 10:00:00 - 10:01:00 and 10:00:30 - 10:01:30.

Your code should be in working condition. Either your code should work from main method or it should read the request from file and run. You can share your zipped code to avisha@lifesight.io. Please write your approach in README file.

Sample input

```
[{
            "service": "pixelService",
            "host": "lifesight.pixel.io",
            "port": "3000",
            "globalLimits": {
                  "GET": {
                        "limit": "10",
                        "granularity": "seconds"
                  },
                  "post": {
                        "limit": "20",
                        "granularity": "minute"
                  }
            },
            "apiLimits": [{
                        "api": "createPixel",
                        "methods": {
                              "GET": {
                                    "limit": "5",
                                    "granularity": "seconds"
                              },
                              "post": {
                                    "limit": "20",
                                    "granularity": "minute"
                              },
                              "update": {
                                    "limit": "10",
                                    "granularity": "hour"
                              }
```

```json
                    }
                },
                {
                    "api": "getPixel",
                    "methods": {
                        "GET": {
                            "limit": "5",
                            "granularity": "seconds"
                        },
                        "post": {
                            "limit": "20",
                            "granularity": "minute"
                        }
                    }
                }
            ]
        },
        {
            "service": "adminService",
            "host": "lifesight.admin.io",
            "port": "2000",
            "globalLimits": {
                "GET": {
                    "limit": "10",
                    "granularity": "seconds"
                },
                "post": {
                    "limit": "20",
                    "granularity": "minute"
                }
            },
            "apiLimits": []
        }
    ]
```