

```
import http from 'k6/http';

export default function () {
  const res = http.get('http://httpbin.org');
  console.log('Response time was ' + String(res.timings.duration) + ' ms');
}
```

```
Administrator: Command Prompt
INFO[0026] Response time was 288.3274 ms source=console
INFO[0026] Response time was 503.3002 ms source=console
INFO[0027] Response time was 536.1149 ms source=console
INFO[0026] Response time was 296.5211 ms source=console
INFO[0029] Response time was 605.4097 ms source=console
INFO[0027] Response time was 262.5504 ms source=console
INFO[0028] Response time was 280.9956 ms source=console
INFO[0028] Response time was 788.5875 ms source=console
INFO[0029] Response time was 1076.9209 ms source=console
INFO[0025] Response time was 512.7289 ms source=console
INFO[0027] Response time was 326.4974 ms source=console
INFO[0029] Response time was 655.4851 ms source=console
INFO[0030] Response time was 575.5136 ms source=console
INFO[0028] Response time was 264.7711 ms source=console
INFO[0030] Response time was 266.4778 ms source=console
INFO[0029] Response time was 281.9129 ms source=console
INFO[0030] Response time was 281.5967 ms source=console
INFO[0031] Response time was 576.1205 ms source=console
INFO[0030] Response time was 250.5928 ms source=console
INFO[0031] Response time was 723.9106 ms source=console
INFO[0032] Response time was 1150.8899 ms source=console
INFO[0031] Response time was 342.6376 ms source=console
INFO[0033] Response time was 1122.5812 ms source=console

Running (0m32.7s), 00/10 VUs, 107 complete and 0 interrupted iterations
default [=====] 10 VUs 30s

data_received.....: 1.1 MB 32 kB/s
data_sent.....: 8.2 kB 252 B/s
http_req_blocked.....: avg=36.00ms min=0s med=0s max=405.59ms p(90)=10.92µs p(95)=394.66ms
http_req_connecting.....: avg=24.94ms min=0s med=0s max=286.57ms p(90)=0s p(95)=275.64ms
http_req_duration.....: avg=650.04ms min=242.3ms med=453.64ms max=2.1s p(90)=1.64s p(95)=2.01s
{ expected_response:true }, avg=650.04ms min=242.3ms med=453.64ms max=2.1s p(90)=1.64s p(95)=2.01s
http_req_failed.....: 0.00% 0 107
http_req_receiving.....: avg=280.97ms min=0s med=29.83ms max=1.77s p(90)=809.30ms p(95)=1.15s
http_req_sending.....: avg=1.85ms min=0s med=0s max=46.87ms p(90)=507.04µs p(95)=10.92ms
http_req_tls_handshaking.....: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
http_req_waiting.....: avg=367.2ms min=231.66ms med=273.98ms max=1.76s p(90)=557.79ms p(95)=1.04s
http_reqs.....: 107 3.270464/s
iteration_duration.....: avg=2.94s min=764.82ms med=2.74s max=7.78s p(90)=4.11s p(95)=4.59s
iterations.....: 107 3.270464/s
vus.....: 3 min=3 max=10
vus_max.....: 10 min=10 max=10

H:\sem_7\STQA\Lab Practical\Lab8>
```

```
import { Counter } from 'k6/metrics';

const myCounter = new Counter('my_counter');

export default function () {
  myCounter.add(1);
  myCounter.add(2);
}
```

```
H:\sem_7\STQA\Lab Practical\Lab8>k6 run script.js

M K6 .io
execution: local
script: script.js
output: -

scenarios: (100.00%) 1 scenario, 1 max VUs, 10m30s max duration (incl. graceful stop):
  * default: 1 iterations for each of 1 VUs (maxDuration: 10m0s, gracefulStop: 30s)

Running (00m00.0s), 0/1 VUs, 1 complete and 0 interrupted iterations
default [=====] 1 VUs 00m00.0s/10m0s 1/1 iters, 1 per VU

data_received.....: 0 B 0 B/s
data_sent.....: 0 B 0 B/s
iteration_duration...: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
iterations.....: 1 265.830188/s
my_counter.....: 3 797.490563/s

H:\sem_7\STQA\Lab Practical\Lab8>
```

```
import { Gauge } from 'k6/metrics';

const myGauge = new Gauge('my_gauge');

export default function () {
  myGauge.add(3);
  myGauge.add(1);
  myGauge.add(2);
}
```

```
H:\sem_7\STQA\Lab Practical\Lab8>k6 run script.js

  AKG
  .io

execution: local
script: script.js
output: -

scenarios: (100.00%) 1 scenario, 1 max VUs, 10m30s max duration (incl. graceful stop):
  * default: 1 iterations for each of 1 VUs (maxDuration: 10m0s, gracefulStop: 30s)

running (00m00.0s), 0/1 VUs, 1 complete and 0 interrupted iterations
default [=====] 1 VUs  00m00.0s/10m0s  1/1 iters, 1 per VU

  data_received.....: 0 B 0 B/s
  data_sent.....: 0 B 0 B/s
  iteration_duration...: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
  iterations.....: 1 631.432721/s
  my_gauge.....: 2 min=1 max=3

H:\sem_7\STQA\Lab Practical\Lab8>
```

```
import { Trend } from 'k6/metrics';

const myTrend = new Trend('my_trend');

export default function () {
  myTrend.add(1);
  myTrend.add(2);
}
```

```
Administrator: Command Prompt

H:\sem_7\STQA\Lab Practical\Lab8>k6 run script.js

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  .io

execution: local
script: script.js
output: -

scenarios: (100.00%) 1 scenario, 1 max VUs, 10m30s max duration (incl. graceful stop):
  * default: 1 iterations for each of 1 VUs (maxDuration: 10m0s, gracefulStop: 30s)

running (00m00.0s), 0/1 VUs, 1 complete and 0 interrupted iterations
default [=====] 1 VUs  00m00.0s/10m0s  1/1 iters, 1 per VU

  data_received.....: 0 B 0 B/s
  data_sent.....: 0 B 0 B/s
  iteration_duration...: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
  iterations.....: 1 1002.506266/s
  my_trend.....: avg=1.5 min=1 med=1.5 max=2 p(90)=1.9 p(95)=1.95

H:\sem_7\STQA\Lab Practical\Lab8>
```

```
import { Rate } from 'k6/metrics';

const myRate = new Rate('my_rate');

export default function () {
  myRate.add(true);
  myRate.add(false);
  myRate.add(1);
  myRate.add(0);
}
```

```
H:\sem_7\STQA\Lab Practical\Lab8> run script.js
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         .io

execution: local
script: script.js
output: -

scenarios: (100.00%) 1 scenario, 1 max VUS, 10m30s max duration (incl. graceful stop):
    * default: 1 iterations for each of 1 VUS (maxDuration: 10ms, gracefulStop: 30s)

running (00m00.00s), 0/1 VUS, 1 complete and 0 interrupted iterations
default [=====] 1 VUS  00m00.00s/10m00s  1/1 iters, 1 per VU

data_received.....: 0 B 0 B/s
data_sent.....: 0 B 0 B/s
iteration_duration...: avg=0s min=0s med=0s max=0s p(90)=0s p(95)=0s
iterations.....:     1    100% 411599/s
my_trend.....:     avg=-1.5 min=1 med=-1.5 max=2 p(90)=-1.0 p(95)=-1.95
```

```
H:\sem_7\STQA\Lab Practical\Lab8>
```