To demonstrate the power of MPI over serial code without sampling genes and using entire gene sample. -AML Dataset

| Code | Clusters | Time in seconds | Clock Cycles |
| --- | --- | --- | --- |
| MPI code | 10 |  |  |
| Serial code | 10 |  |  |

To demonstrate the power of MPI over serial code without sampling genes and using entire gene sample. -Rice Dataset

| Code | Clusters | Time in seconds | Clock Cycles |
| --- | --- | --- | --- |
| MPI code | 10 |  |  |
| Serial code | 10 |  |  |

To demonstrate the power of MPI over serial code in reading file - AML Dataset

| Code | Genes | Samples (Gene) | Time in seconds | Clock Cycles |
| --- | --- | --- | --- | --- |
| MPI code | 7129 | 34 |  |  |
| Serial code | 7129 | 34 |  |  |

To demonstrate the power of MPI over serial code in reading file -RICE DATASET

| Code | Genes | Samples(Gene) | Time in seconds | Clock Cycles |
| --- | --- | --- | --- | --- |
| MPI code | 10000 | 35 |  |  |
| Serial code | 10000 | 35 |  |  |