**Parallel Histogram Equalization of Gray Scale Images**

**Department: IS**

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* Test code with these different conditions:

1. different image sizes (e.g if the image size is N \* N, so test your code if the image size is 5N \* 5N and 10N \* 10N) .
2. different image size with multiple images (e.g 10 images of size 5N \* 5N) .

* The output Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 1 pic N\* N | 1 pic 5N\* 5N | 1 pic 10N\* 10N | 10 pics 5N\* 5N |
| sequential code | 218 ms | 5173ms |  |  |
| MPI Sol1 |  |  |  |  |
| MPI Sol (bonus) |  |  |  |  |