Image Quantization

**TEST CASES – MS1**

# SAMPLE TESTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Image Name** | **# Distinct Colors** | **MST Sum** | **K** | **Result Image** |
| Sample.Case1 | 5 | 730.6 | 3 | Sample.Case1\_K=3 |
| Sample.Case2 | 3 | 322.6 | 2 | Sample.Case2\_K=2 |
| Sample.Case3 | 2266 | 6106.9 | 500 | Sample.Case3\_K=500 |
| Sample.Case4 | 69 | 1120.7 | 10 | Sample.Case4\_K=10 |
| Sample.Case5 | 256 | 441.7 | 32 | Sample.Case4\_K=32 |

## Cases Output Description

You shall output these for each case in milestone 1:

1. # of Distinct colors
2. MST sum
3. Quantized image