Image Quantization

**NEW TEST CASES**

# 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 |

# COMPLETE TESTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Image Name** | **# Distinct Colors** | **MST Sum** | **K** | **UPPER LIMIT TIME** | **Result Image** |
| Small.Case1 | 9,609 | 76,956.8 | 256 | 1 min | Small.Case1\_K=256 |
| Small.Case2 | 7,628 | 30,789.2 | 220 | 1 min | Small.Case2\_K=220 |
| Medium.Case1 | 24,135 | 49,144.7 | 1,000 | 3 min | Medium.Case1\_K=1000 |
| Medium.Case2 | 20,041 | 44,831.7 | 1,000 | 3 min | Medium.Case2\_K=1000 |
| Large.Case1 | 56,328 | 118,145.1 | 10,000 | 6 min | Large.Case1\_K=10000 |
| Large.Case2 | 54,284 | 217,273.8 | 1,000 | 6 min | Large.Case2\_K=1000 |