Image Quantization

**TEST CASES – Complete**

# COMPLETE TESTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Image Name** | **# Distinct Colors** | **MST Sum** | **K** | **UPPER LIMIT TIME** | **Result Image** |
| Small.Case1 | 8,708 | 11,785.1 | 192 | 1 min | Small.Case1\_K=192 |
| Small.Case2 | 10,265 | 19,888.8 | 2160 | 1 min | Small.Case2\_K=2160 |
| Medium.Case1 | 27,410 | 40,616.4 | 1737 | 3 min | Medium.Case1\_K=1737 |
| Medium.Case2 | 20,041 | 44,831.7 | **2284** | 3 min | Medium.Case2\_K=2284 |
| Large.Case1 | 56,328 | 118,145.1 | **3829** | 6 min | Large.Case1\_K=3839 |
| Large.Case2 | 54,223 | 80,957.2 | 25,666 | 6 min | Large.Case2\_K=25666 |

## Cases Output Description

You shall output these for each case in milestone 2:

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