

CSCI576
Fall 2018
Prof. Parag Havaladar

Assignment - 2

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Note: Please read the README.txt file before running the program

Written Part

Please refer to file: [written_part_pavan.pdf](#)

Programming Part

Output

Sample Execution steps:

```
[usc-securewireless-student-new17:Submission pavannathreya$ javac *.java ]
[usc-securewireless-student-new17:Submission pavannathreya$ ls ]
Cluster.class          image1.raw
Cluster.java           image1.rgb
Fall2018_Assignment2.pdf image2.raw
ImageDisplay.class     image2.rgb
ImageDisplay.java      image3.raw
Main.class             image3.rgb
Main.java              image4.raw
OutputImages           image4.rgb
VectorQuantization.class readme.txt
VectorQuantization.java
[usc-securewireless-student-new17:Submission pavannathreya$ java Main image1.raw ]
16 1
Assignment Parameters:
    Image Name: image1.raw
    Image Type: Grayscale
    Number of Clusters: 16
    Mode: 1
Beginning quantization process
Presenting the Image
█
```

Output images and their parameters:

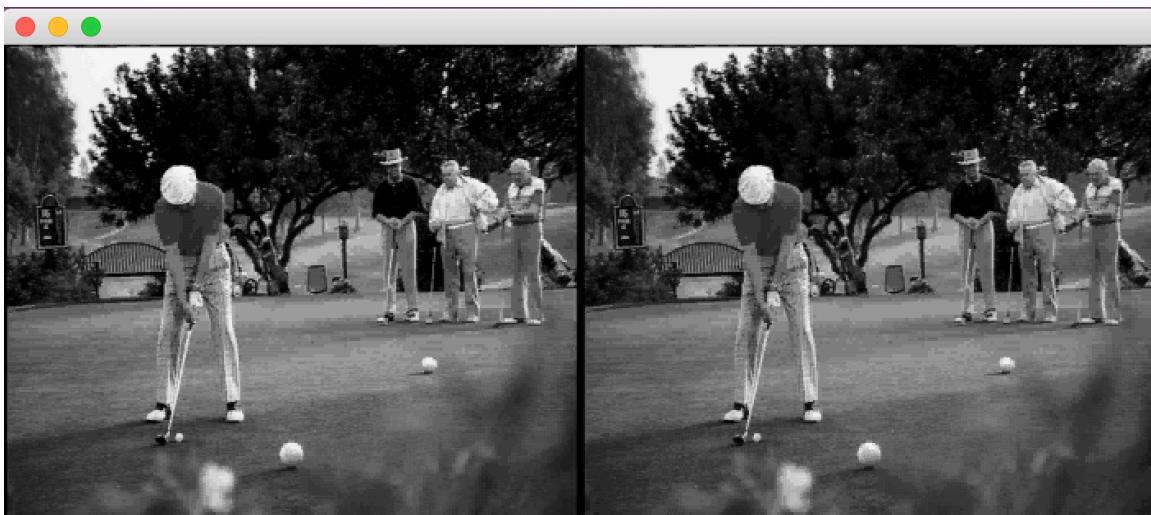
1 - java Main image1.raw 16 1



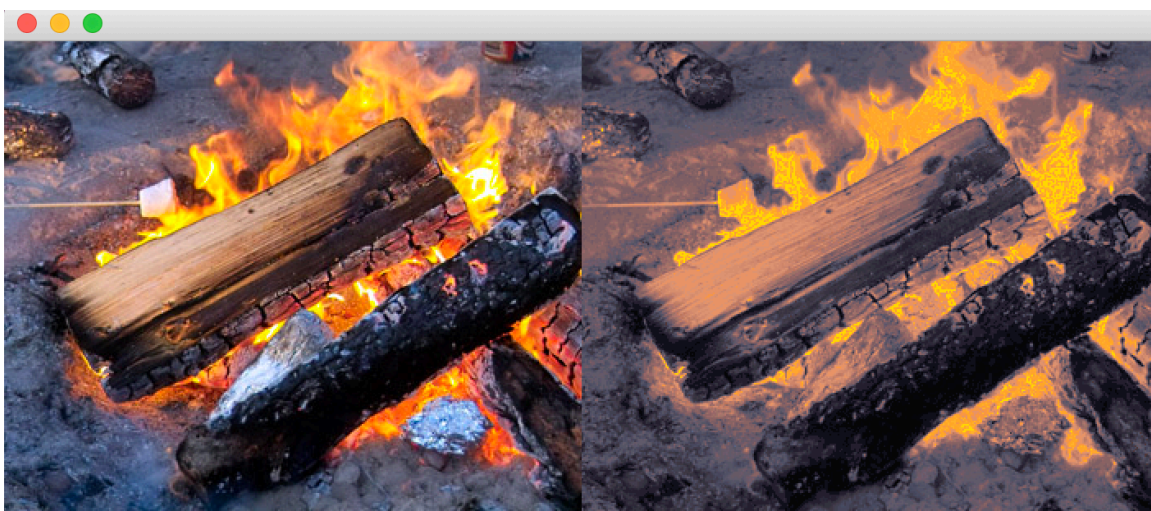
2 - java Main image.rgb 32 2



3 - java Main image2.raw 256 2



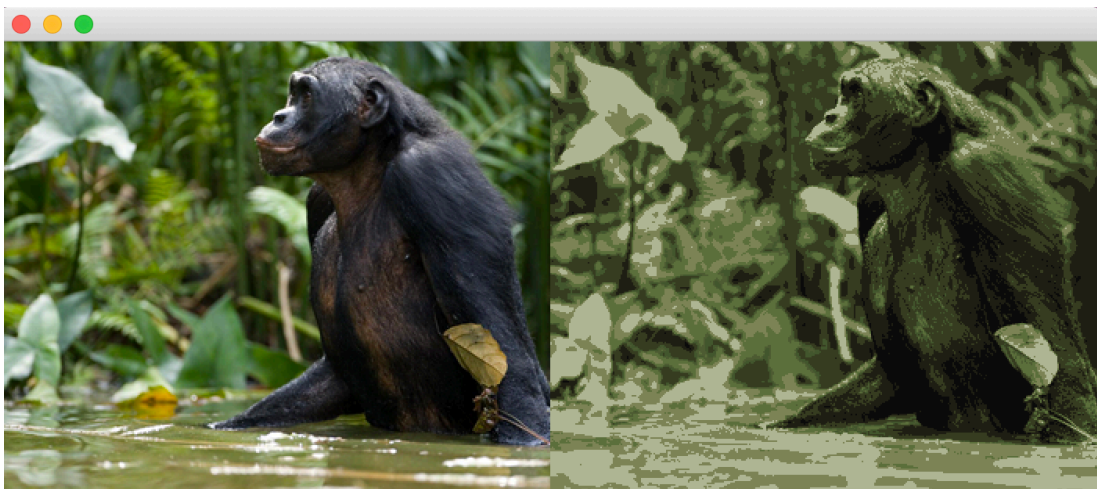
4 - java Main image2.rgb 64 2



5 - java Main image3.raw 16 3



6 - java Main image3.rgb 8 1



7 - java Main image4.raw 4 2



8 - java Main image4.raw 32 3



9 - java Main image4.rgb 16 3

