

Student name:

Score for project 1 is ##### points

(Full score: 20 points)

See below for the breakdown of your score along with the description of the project requirements.

1. Working implementation of the k-means algorithm. Score is not dependent on the quality of the code. Just working is enough to get the full credit for this requirement.

(Max 3 points)

- Classical algorithm with random seeds (2 point)
- Selecting seeds from image (1 point)

Your points:

2. Working implementation of the smarter k-means algorithm. Score is not dependent on the quality of the code. Just working is enough to get the full credit for this requirement.

(Max 4 points)

Your points:

3. Working implementation of the skin classification. Train at least 3 WEKA classifiers, including Naïve Bayes on the training set and test on the test set. Just working is enough to get the full credit for this requirement.

(Max 3 points)

Your points:

4. Quality of the code including code structure, comments and documentation. As instructed in the assignment, you are supposed to write well-commented code for readability.

(Max 2 points)

Your points:

5. Completion of the report. You will be given the full credit if you follow the report template and fulfill the requirement of explaining your algorithms and commenting on their performance. Your report must also include at least 5 output images as instructed in the assignment.

(Max 2 points)

Your points:

6. Quality of the report and the results. You will be given the full credit if your report is well written and the final product images with regard to segmentation and skin finding are of the best or near best grade that is possible with the given set of operators.

(Max 6 points)

Your points: