



Session 30

Assignment 1 Question

Session 30: Assignment 1

Table of Contents

1. Introduction

2. Problem Statement

3. Output

1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

2. Problem Statement

In this assignment students have to compress racoon grey scale image into 5 clusters. In the end, visualize both raw and compressed image and look for quality difference.

The raw image is available in scipy.misc package with the name face.

Hint:

```
import numpy as np

from sklearn import cluster, datasets

from scipy import misc
```

NOTE: The solution shared through Github should contain the source code used and the screenshot of the output.

3. Output

N/A