

## Assignment 1

### ***Covering Basic Topics in Digital Image Representation***

Due: Wednesday, January 21, before 5:00 PM.

Do the following exercises from the reading chapters, giving your answers in a document file in one of the following formats: PDF (preferred), raw text (.txt), or Microsoft Word.

Chapter 1:

1, 2, 6.

Chapter 2:

1, 2, 3, 4, 5.

Chapter 3:

1, 2, 3, 5, 9, 10, 11.

Chapter 4:

1, 2, 3, 4, 9, 10, 11

Optional challenge: 6, 7; 8 (most challenging of the three)

Chapter 5:

1, 3, 4, 5, 6,

Optional challenges: 10, 13, 15.

Submit the document electronically that contains your answers to the Assignment 1 DropBox at Catalyst CollectIt. <https://catalyst.uw.edu/collectit/dropbox/tanimoto/34051>