**Digital Image Processing Quiz 2**

**Deadline: 12am March 3**

**Student Number\_\_\_\_\_\_\_\_\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_**

1. What is sampling and quantification?

2. What is image transformation?

3. Programming: submit the codes and results.

Please use commend cv2.line, cv2.rectangle, and cv2.circle to draw a line, a rectangle and a circle in an image(you can select an image). Of course, you can just practice the codes in lecture 4.

4. Programming: submit the codes and results.

Select an image, then shift it up and left. Of course, you can just practice the codes in lecture 4.