

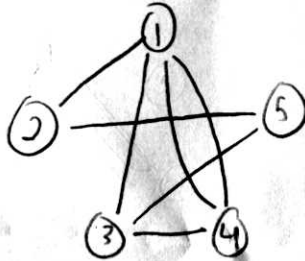
Attendance Quiz for Lecture 2

NAME: (print!) Donald Yeh

E-MAIL ADDRESS: (print!) dy225@scarletmail.rutgers.edu

1. Draw the graph whose adjacency matrix is :

$$\begin{array}{c}
 \begin{matrix} & 1 & 2 & 3 & 4 & 5 \\
 \begin{matrix} 1 \\ 2 \\ 3 \\ 4 \\ 5 \end{matrix} & \begin{bmatrix} 0 & 1 & 1 & 2 & 0 \\ 1 & 0 & 0 & 0 & 1 \\ 1 & 0 & 0 & 1 & 1 \\ 2 & 0 & 1 & 0 & 0 \\ 0 & 1 & 1 & 0 & 0 \end{bmatrix} & ,
 \end{matrix}
 \end{array}$$



2. Draw the graph whose incidence matrix is : *edge*

$$\begin{array}{c}
 \text{Vertex} \\
 \begin{matrix} \begin{matrix} a & b & c & d & e & f \\
 \begin{matrix} 1 \\ 2 \\ 3 \end{matrix} & \begin{bmatrix} 1 & 1 & 1 & 1 & 0 & 1 \\ 1 & 1 & 0 & 0 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 1 \end{bmatrix} & .
 \end{matrix}
 \end{array}$$

