

```

% Name (first and last)
% CSC 2262
% cs2262xx
% Sample 4b
alpha = 62*pi/180;
beta = 73*pi/180;
gamma = 38*pi/180;
W = 300;
H = 350;
d = [ 0
      0
      0
      W
      0
      0
      H
      0 ];
a = [ cos(alpha)    0          0          1    0    0    0    0
      sin(alpha)    0          0          0    0    1    0    0
      0             -cos(beta)  0         -1    1    0    0    0
      0             sin(beta)  0          0    0    0    0    0
      0             0          -cos(gamma) 0   -1    0    0    1
      0             0          sin(gamma)  0    0    0    1    0
      -cos(alpha)   cos(beta)   cos(gamma) 0    0    0    0    0
      -sin(alpha)  -sin(beta)  -sin(gamma) 0    0    0    0    0 ];
b = inv(a);
F = b*d;
F

```