Use the following MATLAB commands to generate the matrices U and V:
U= round(20*rand(4))-10
V= round(10*rand(4))

Then use the following commands to generate the following vectors:

u1=U(:,1)
u2=U(:,2)
u3=U(:,3)
u4=U(:,4)
and
v1=V(:,1)
v2=V(:,2)
v3=V(:,3)
v4=V(:,4)

Then let $E = \{u_1, u_2, u_3, u_4\}$ and $F = \{v_1, v_2, v_3, v_4\}$

Q1. Problem 1 (a),(b),(c),(d) from the textbook page 168

Q2. Problem 4 (a), (b), (c) from textbook page 169