# Question 01

## Code

clc

clear all

% Ax=B

% x=A^-1 \* B

P=1;

A=[-0.866 0 0.5 zeros(1,3);

-0.5 0 -.866 zeros(1,3);

0.866 1 0 1 0 0;

0.5 zeros(1,3) 1 0;

0 -1 -.5 zeros(1,3);

zeros(1,2) 0.866 0 0 1]

B=[0;P;zeros(4,1)]

x=inv(A)\*B;

F1=x(1)

F2=x(2)

F3=x(3)

H1=x(4)

V1=x(5)

V2=x(6)

## Output





