```
clc;
clear;
disp('Jeremy Stark');
R1=16; R2=6.5; R3=12; R4=9.5;
C1C2=R1+R2; C1C3=R1+R3; C1C4=R1+R4;
C2C3=R2+R3; C3C4=R3+R4;
Gama1=acos((C1C2^2+C1C3^2-C2C3^2)/(2*C1C2*C1C3));
Gama2=acos((C1C3^2+C1C4^2-C3C4^2)/(2*C1C3*C1C4));
Gama3=Gama1+Gama2;

C2C4=sqrt(C1C2^2+C1C4^2-2*C1C2*C1C4*cos(Gama3))

show_me = [0:50:450]
hide_it = [0:10:450];

positions = linspace(0, 2*pi, 1000);
positions = linspace(0, 2*pi, 20)

alpha = [2 7 4 9 7 1 3; 2 7 4 2 9 4 3; 2 7 4 2 5 3 3]
alpha_transpose = alpha'

matrixz = [0 3 1 7; 0 2 3 9; 1 0 7 0; 4 4 4 4]

row_z = matrixz(2, :)
colomn_z = matrixz(2,:)'

out = size(matrixz)
```

```
Jeremy Stark

C2C4 =

         33.51


show_me =

  Columns 1 through 5

            0         50.00        100.00        150.00        200.00

  Columns 6 through 10

       250.00        300.00        350.00        400.00        450.00


positions =

  Columns 1 through 5

            0          0.33          0.66          0.99          1.32

  Columns 6 through 10
```

```
         1.65          1.98          2.31          2.65          2.98

  Columns 11 through 15

         3.31          3.64          3.97          4.30          4.63

  Columns 16 through 20

         4.96          5.29          5.62          5.95          6.28


alpha =

  Columns 1 through 5

         2.00          7.00          4.00          9.00          7.00
         2.00          7.00          4.00          2.00          9.00
         2.00          7.00          4.00          2.00          5.00

  Columns 6 through 7

         1.00          3.00
         4.00          3.00
         3.00          3.00


alpha_transpose =

         2.00          2.00          2.00
         7.00          7.00          7.00
         4.00          4.00          4.00
         9.00          2.00          2.00
         7.00          9.00          5.00
         1.00          4.00          3.00
         3.00          3.00          3.00


matrixz =

            0          3.00          1.00          7.00
            0          2.00          3.00          9.00
         1.00             0          7.00             0
         4.00          4.00          4.00          4.00


row_z =

            0          2.00          3.00          9.00


colomn_z =

            0
         2.00
         3.00
         9.00
```

```
out =

           4.00           4.00
```

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