Console

```
--> z=45*%pi/180
 z  =

   0.7853982


--> x=35*%pi/180
 x  =

   0.6108652


--> z1=15*%pi/180
 z1  =

   0.2617994


--> A=[cos(z1),-sin(z1),0;sin(z1),cos(z1),0;0,0,1]
 A  =

   0.9659258  -0.258819   0.
   0.258819    0.9659258  0.
   0.          0.         1.


--> B=[1,0,0;0,cos(x),-sin(x);0,sin(x),cos(x)]
 B  =

   1.  0.         0.
   0.  0.819152  -0.5735764
   0.  0.5735764  0.819152


--> C=[cos(z),-sin(z),0;sin(z),cos(z),0;0,0,1]
 C  =

   0.7071068  -0.7071068  0.
   0.7071068   0.7071068  0.
   0.          0.         1.


--> C*B*A
```

```
ans  =

  0.5330975  -0.742504    0.4055798
  0.8329279   0.3764785  -0.4055798
  0.1484525   0.5540323   0.819152
```