Console

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

   0.2617994

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

   0.6108652

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

   0.7853982

--> 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.

```
--> A*B*C
 ans  =

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