

Console

```
--> y=75*%pi/180
```

```
y =
```

```
1.3089969
```

```
--> x=60*%pi/180
```

```
x =
```

```
1.0471976
```

```
--> y1=7*%pi/180
```

```
y1 =
```

```
0.122173
```

```
--> B=[cos(y1),0,sin(y1);0,1,0;-sin(y1),0,cos(y1)]
```

```
B =
```

```
0.9925462  0.  0.1218693
```

```
0.         1.  0.
```

```
-0.1218693  0.  0.9925462
```

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

```
C =
```

```
1.  0.  0.
```

```
0.  0.5 -0.8660254
```

```
0.  0.8660254  0.5
```

```
--> D=[cos(y),0,sin(y);0,1,0;-sin(y),0,cos(y)]
```

```
D =
```

```
0.258819  0.  0.9659258
```

```
0.         1.  0.
```

```
-0.9659258  0.  0.258819
```

```
--> B*C*D
```

ans =

0.1980315	0.1055419	0.974497
0.8365163	0.5	-0.2241439
-0.5109051	0.8595702	0.0107282