



```
--> a=[1,2,3]
```

```
a =
```

```
1.    2.    3.
```

```
--> b=[4;5;6;7]
```

```
b =
```

```
4.
```

```
5.
```

```
6.
```

```
7.
```

```
--> a=1;
```

```
--> b=10;
```

```
--> d=2;
```

```
--> p=[a:d:b]
```

```
p =
```

```
1.    3.    5.    7.    9.
```

```
--> a=1;
```

```
--> b=10;
```

```
--> n=12;
```

```
--> p=linspace(a,b,n)
```

```
p =
```

```
1.    1.8181818    2.6363636    3.4545455    4.2727273    5.0909091    5.9090909    6.7272727    7.5454545    8.3636364    9.1818182    10.
```

```
--> A=[1 2 3];
```

```
--> B=[4 5 6];
```

Scilab 6.1.1 Console

File Edit Control Applications ?



Scilab 6.1.1 Console

```
--> A=[1 2 3];
```

```
--> B=[4 5 6];
```

```
--> C=(2*A)-(3*B)
```

```
C =
```

```
-10.  -11.  -12.
```

```
--> T=(2*A')-(3*B')
```

```
T =
```

```
-10.
```

```
-11.
```

```
-12.
```

```
--> A=[1 2;3 4];
```

```
--> B=[5 6;7 8];
```

```
--> C=(3*A)-(A*B')
```

```
C =
```

```
-14.  -17.
```

```
-30.  -41.
```

Scilab 6.1.1 Console

File Edit Control Applications ?



Scilab 6.1.1 Console

```
--> A=[1 2;3 4];
```

```
--> B=det(A)
```

```
B =
```

```
-2.
```

```
--> C=inv(A)
```

```
C =
```

```
-2.    1.
```

```
1.5  -0.5
```

```
--> D=A*C
```

```
D =
```

```
1.    0.
```

```
8.882D-16  1.
```

```
--> p=[1 -1 -2];
```

```
--> r=roots(p)
```

```
  r  =
```

```
    2. + 0.i
```

```
   -1. + 0.i
```

```
--> p=[1,0,0,1];
```

```
--> r=roots(p)
```

```
  r  =
```

```
   -1.  + 0.i
```

```
    0.5 + 0.8660254i
```

```
    0.5 - 0.8660254i
```