

```
function
```

```
    x=5*a+3*b
```

```
    y=2*a-b
```

```
endfunction
```

```
[x,y]=du(1,2)
```

user defined vector argument.sce (C:\Users\POLLY BISWAS\Desktop\Sci

File Edit Format Options Window Execute ?



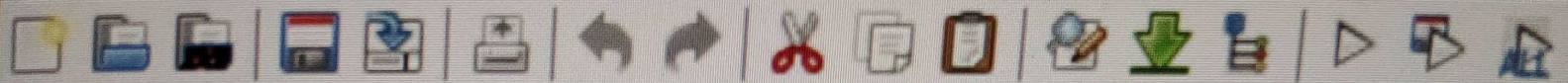
user defined vector argument.sce (C:\Users\POLLY BISWAS\Desktop\Scilab 61020

user_bessel.sce [X] BESSEL.sce [X] *legendre.sce [X] user defined vector

```
1 function [y]=du(x)
2     k1=x.^3+9;
3     k2=x.*sin(x);
4     y=k1./k2
5 endfunction
6 x=[1 2 3];
7 du(x)
```

I

File Edit Format Options Window Execute ?



multiple user defined.sce (C:\Users\POLLY BISWAS\Desktop\Scilab 61020\multiple user o

user_bessel.sce [X] BESSEL.sce [X] *legendre.sce [X] user defined vector arg

```
1 //Multiple functions
2 //y=(x^2+5*x+10), y=(x^2-3x)/(x+2), y=(x^2)/(x-1)
1 function [y]=dul(x)
2     y=(x^2+5*x+10)
3 endfunction
1 function [y]=du2(x)
2     y=(x^2-3*x)/(x+2)
3 endfunction
1 function [y]=du3(x)
2     y=(x^2)/(x-1)
3 endfunction
12 dul(2)
13 du2(5)
14 du3(10)
```


File Edit Format Options Window Execute ?



user simple by deff.sce (C:\Users\POLLY BISWAS\Desktop\Scilab 6102

user besse1.sce ☐ BESSEL.sce ☐ *legendre.sce ☐ user de

```
1 //One line definition
2 deff('y=du(x)', 'y=x^3')
3 du(5)
4
```