

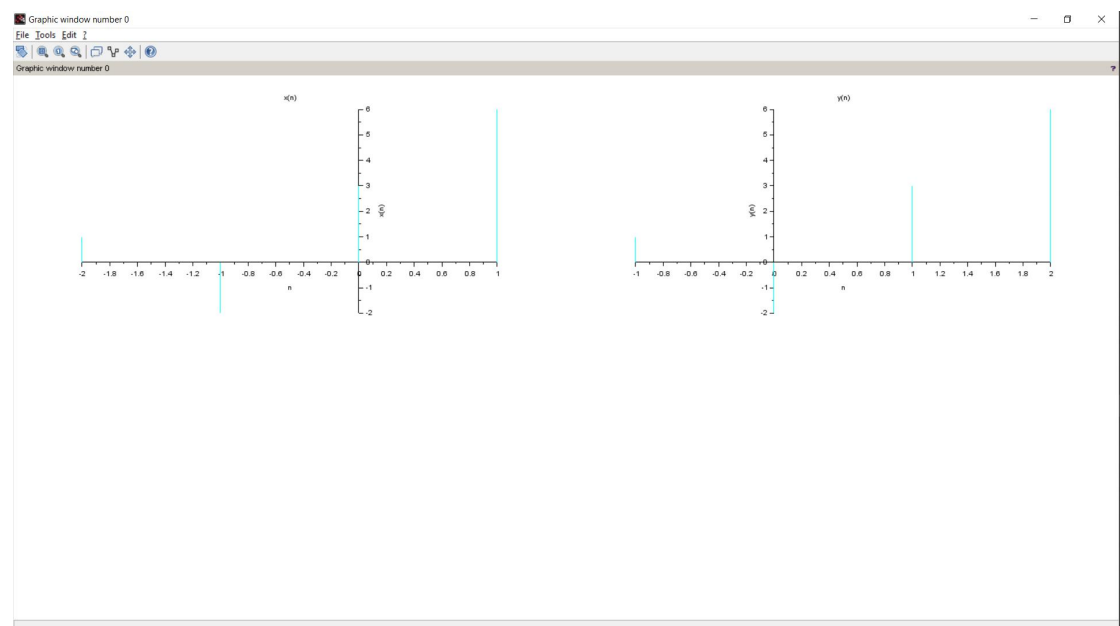
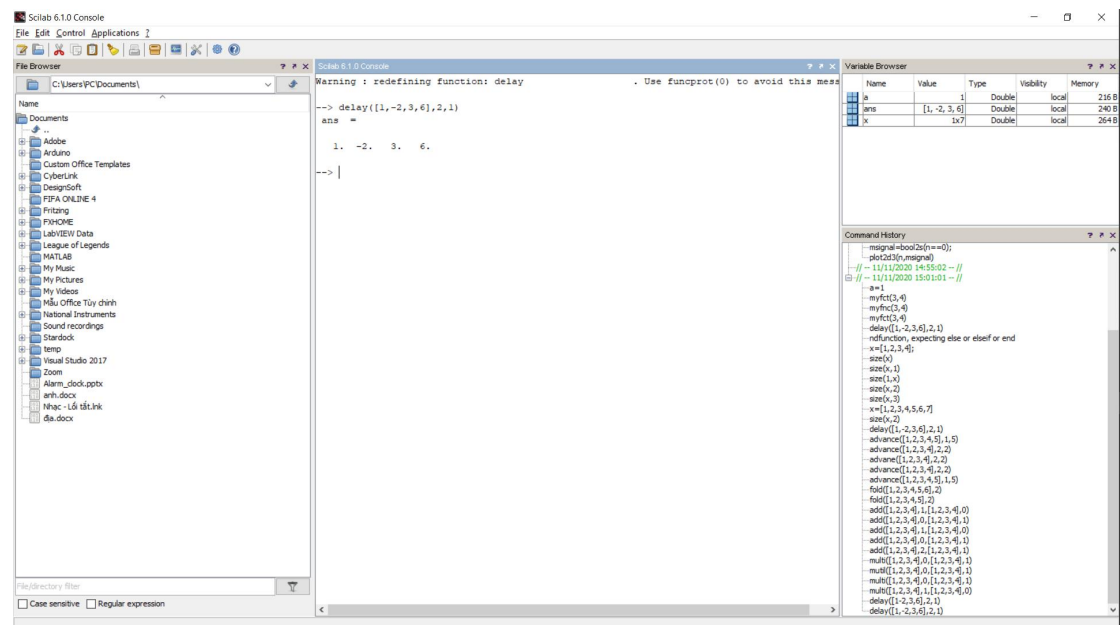
DIGITAL SIGNAL PROCESSING

REPORT04

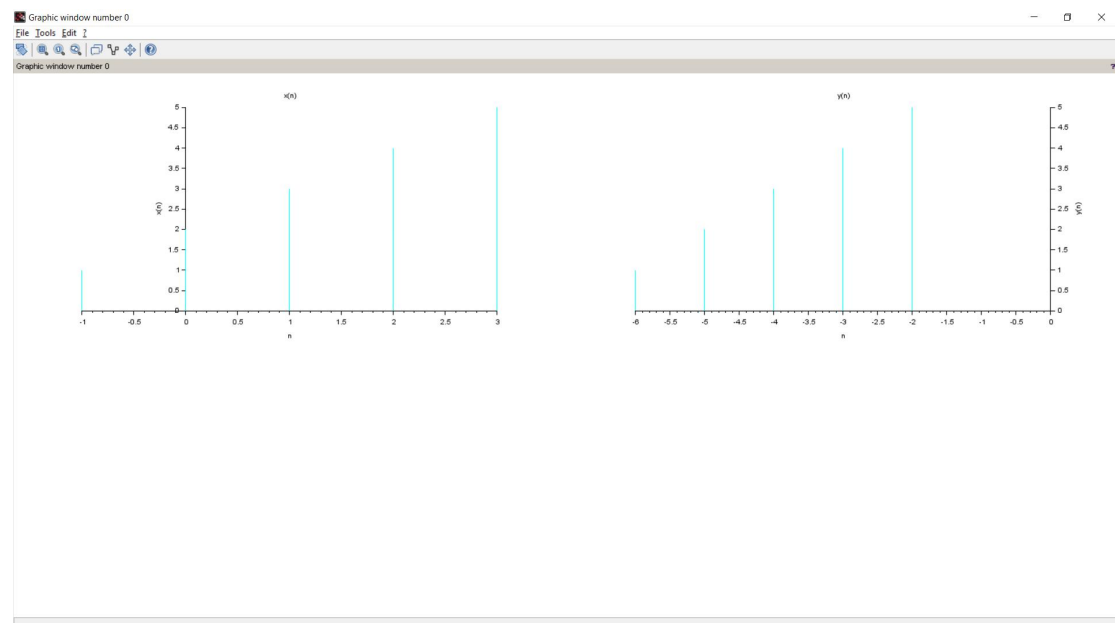
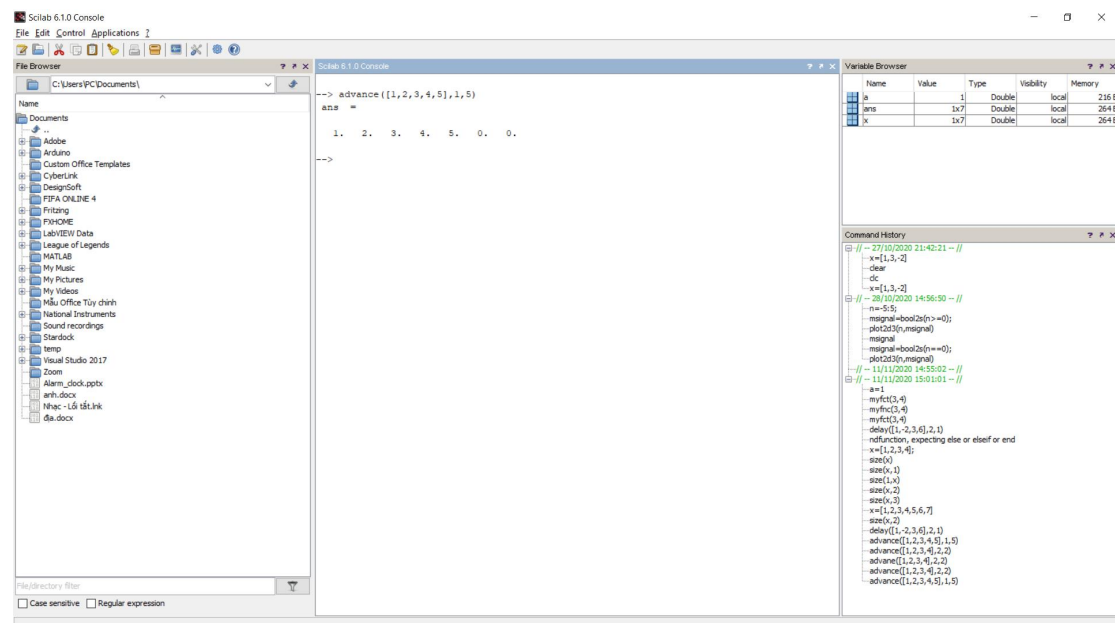
- Name: Võ Phi Trường.
- ID: 1814582.

Ho Chi Minh, 11/11/2020.

1.1. Exercise 1:



1.2. Exercise 2:



1.3. Exercise 3:

Scilab 6.1.0 Console

File Edit Control Applications ?

File Browser

C:\Users\PC\Documents\

Name

- Documents
- Adobe
- Arduino
- Custom Office Templates
- CyberLink
- DesignSoft
- FIFA ONLINE 4
- Printing
- PHONE
- LabVIEW Data
- League of Legends
- MATLAB
- My Music
- My Pictures
- My Videos
- Nhà Office Tiny dinh
- National Instruments
- Sound recordings
- StarDock
- temp
- Visual Studio 2017
- Zoom
- Alarm_clock.apkx
- anh.docx
- Nhac - Lã 1st link
- da.docx

File/directory filter

☐ Case sensitive ☐ Regular expression

Warning : redefining function: fold . Use funcprot(0) to avoid this mess

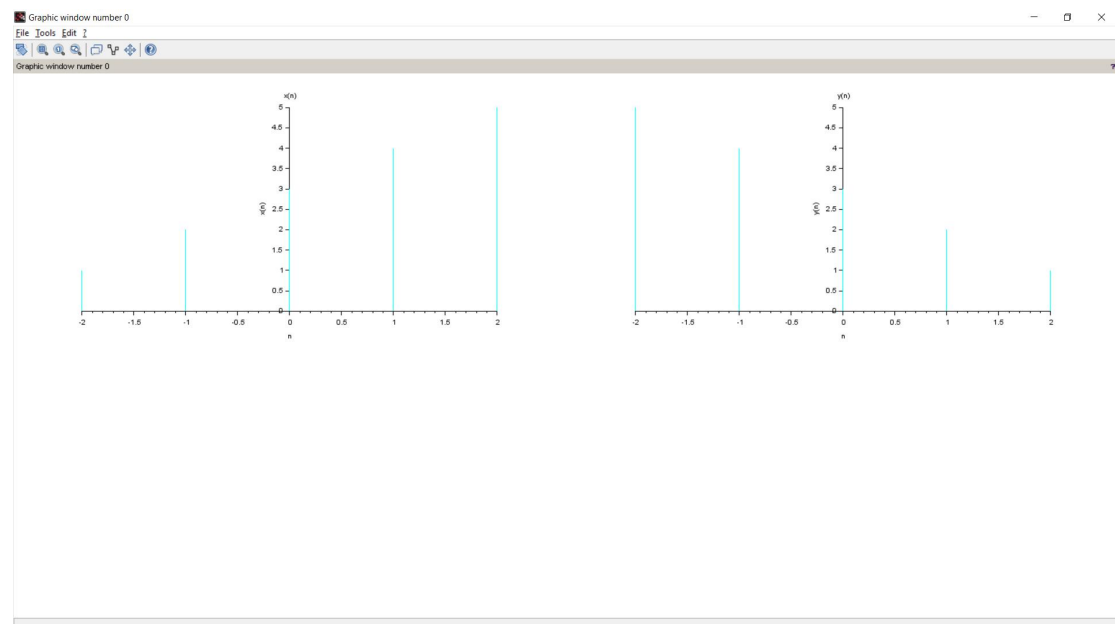
```
--> fold([1,2,3,4,5],2)
ans =
    5.    4.    3.    2.    1.
--> |
```

Variable Browser

Name	Value	Type	Visibility	Memory
a	1	Double	local	216 B
ans	1x5	Double	local	248 B
x	1x7	Double	local	264 B

Command History

```
// -- 27/10/2020 21:42:21 -- //
clear
x=[1,3,-2]
oc
x=[1,3,-2]
// -- 28/10/2020 14:56:50 -- //
n=5;5;
marginal=abs(2*(n==0));
plot2d3(n,marginal)
marginal
marginal=abs(2*(n==0));
plot2d3(n,marginal)
// -- 11/11/2020 14:55:02 -- //
// -- 11/11/2020 15:01:01 -- //
a=1
myfct(3,4)
myfct(3,4)
myfct(1,4)
delay([1,-2,3,6],2,1)
ndfunction, expecting else or elseif or end
x=[1,2,3,4];
size(x,1)
size(x,1)
size(x,2)
size(x,2)
size(x,3)
size(x,3)
size(x,4,5,6,7)
size(x,2)
size(x,2)
delay([1,-2,3,6],2,1)
advance([1,2,3,4,5],1,5)
advance([1,2,3,4,2,2])
advance([1,2,3,4,2,2])
advance([1,2,3,4,2,2])
advance([1,2,3,4,5],1,5)
fold([1,2,3,4,5,6],3)
fold([1,2,3,4,5],2)
```



1.4. Exercise 4:

Scilab 6.1.0 Console

File Edit Control Applications ?

File Browser

C:\Users\PC\Documents\

add([1,2,3,4],2,[1,2,3,4],1)

ans =

1. 3. 5. 7. 4.

Variable Browser

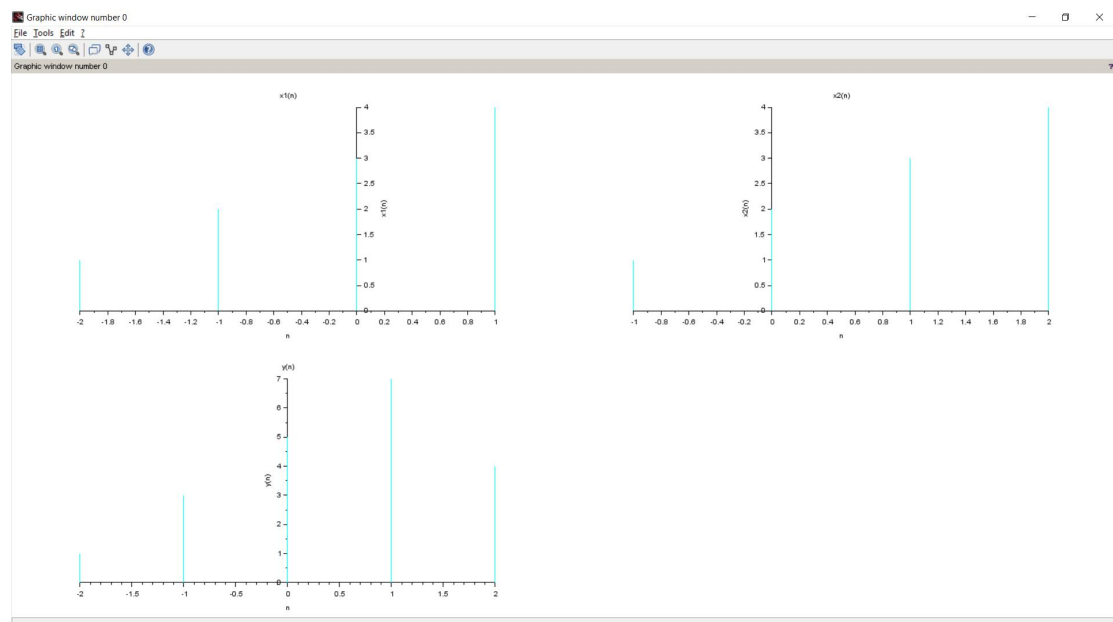
Name	Value	Type	Visibility	Memory
a	1	Double	local	216 B
ans	1x5	Double	local	248 B
x	1x7	Double	local	264 B

Command History

```

--x=[1,3,-2]
// -- 20/10/2020 14:55:50 -- //
n=5;
msignal=boole(n==0);
plot(20,n,msignal);
msignal=boole(n==0);
plot(20,n,msignal);
// -- 11/11/2020 14:55:02 -- //
// -- 11/11/2020 15:01:01 -- //
a=1;
myfc(3,4);
myfc(3,4);
myfc(3,4);
delay([1,-2,3,6],2,1);
//function, expecting else or elseif or end
x=[1,2,3,4];
size(x);
size(x,1);
size(x,2);
size(x,3);
x=[1,2,3,4,5,6,7];
size(x,2);
delay([1,-2,3,6],2,1);
advance([1,2,3,4,5],1,5);
advance([1,2,3,4],2,2);
advance([1,2,3,4],2,2);
advance([1,2,3,4,5],1,5);
fold([1,2,3,4,5],2);
fold([1,2,3,4,5],2);
add([1,2,3,4],1,[1,2,3,4],0);
add([1,2,3,4],0,[1,2,3,4],1);
add([1,2,3,4],1,[1,2,3,4],0);
add([1,2,3,4],0,[1,2,3,4],1);
add([1,2,3,4],2,[1,2,3,4],1);

```



1.5. Exercise 5:

Scilab 6.1.0 Console

File Edit Control Applications ?

Warning : redefining function: multi . Use funcprot(0) to avoid this mess

--> multi([1,2,3,4],1,[1,2,3,4],0)
ans =
0. 2. 6. 12. 0.

--> |

File Browser

C:\Users\PC\Documents\

Variable Browser

Name	Value	Type	Visibility	Memory
ans	1	Double	local	216 B
x	1x5	Double	local	248 B
x	1x7	Double	local	264 B

Command History

```

plot2d3(n,msignal)
msignal
msignal=boole2e(n==0);
plot2d3(n,msignal)
// -- 11/11/2020 14:50:02 --//
// -- 11/11/2020 15:01:01 --//
a=1
myfct(3,4)
myfct(3,4)
myfct(3,4)
down([1,-2,3,6],2,1)
ndfunction, expecting else or elsef or end
n=[1,2,3,4];
size(x)
size(v,1)
size(x,1)
size(v,2)
size(v,3)
n=[1,2,3,4,5,6,7]
size(v,2)
size([1,-2,3,6],2,1)
advance([1,2,3,4,5],1,5)
advance([1,2,3,4,2,2])
advance([1,2,3,4],2,2)
advance([1,2,3,4],2,2)
advance([1,2,3,4,5],1,5)
fold([1,2,3,4,5,6],2)
fold([1,2,3,4,5],2)
add([1,2,3,4],1,[1,2,3,4],0)
add([1,2,3,4],0,[1,2,3,4],1)
add([1,2,3,4],1,[1,2,3,4],0)
add([1,2,3,4],0,[1,2,3,4],1)
add([1,2,3,4],2,[1,2,3,4],1)
mult([1,2,3,4],0,[1,2,3,4],1)
mult([1,2,3,4],0,[1,2,3,4],1)
mult([1,2,3,4],1,[1,2,3,4],0)

```

