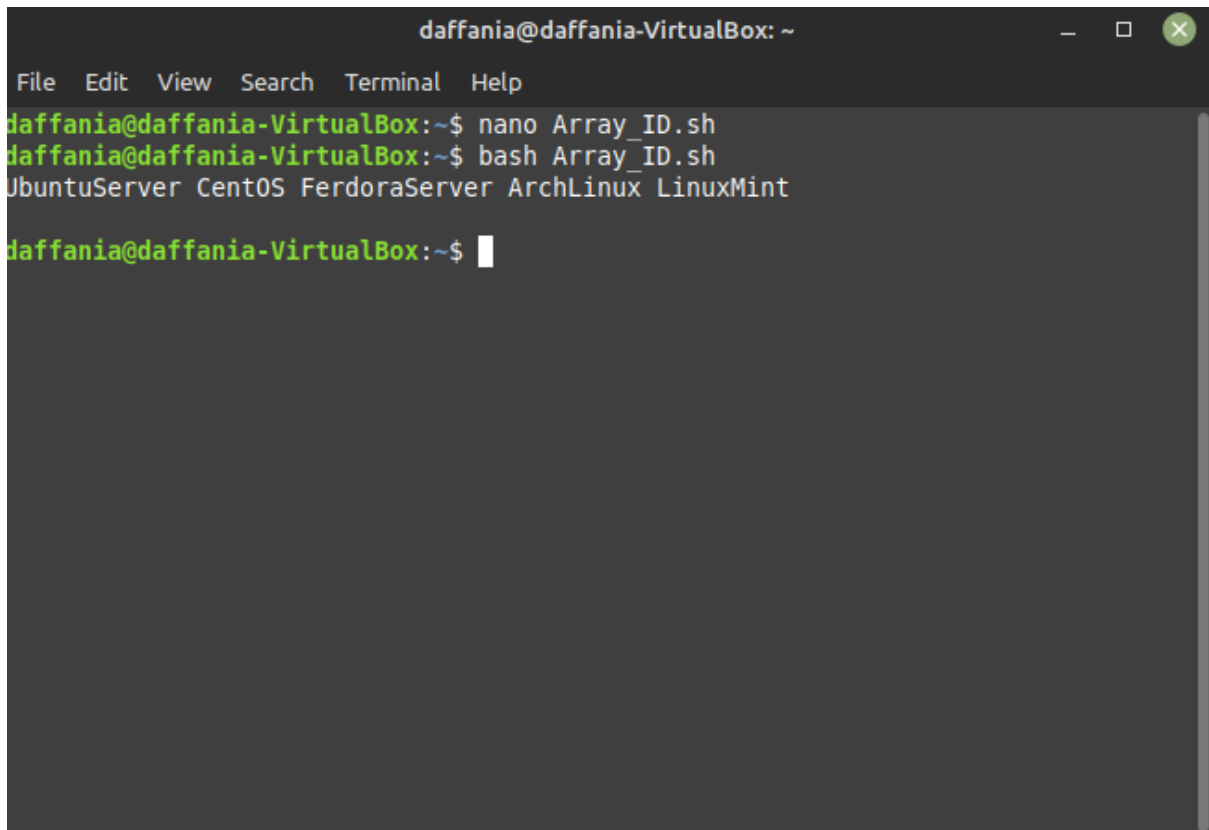LAPORAN TUGAS 6 SISTEM OPERASI

KELAS B

Nama :   Daffania Iffat Laurensyah
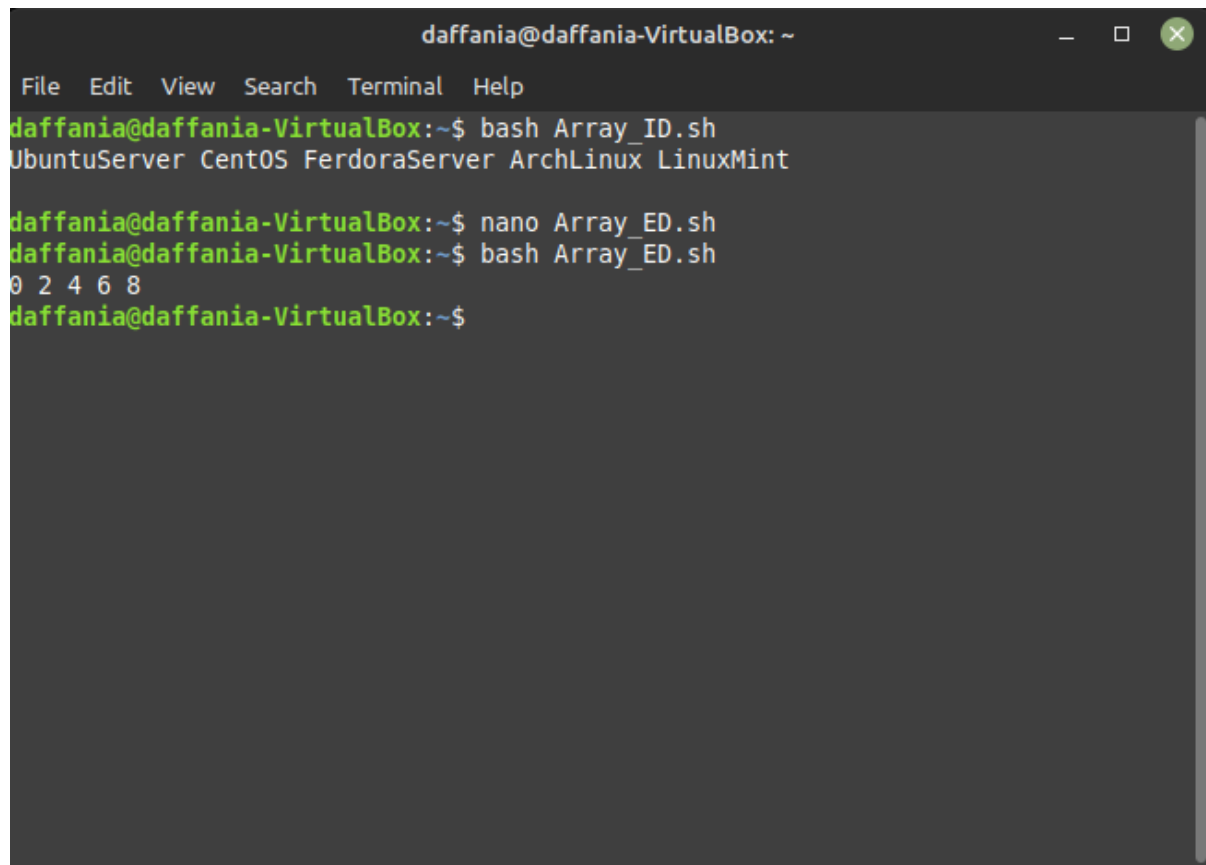
NPM   :   21083010123

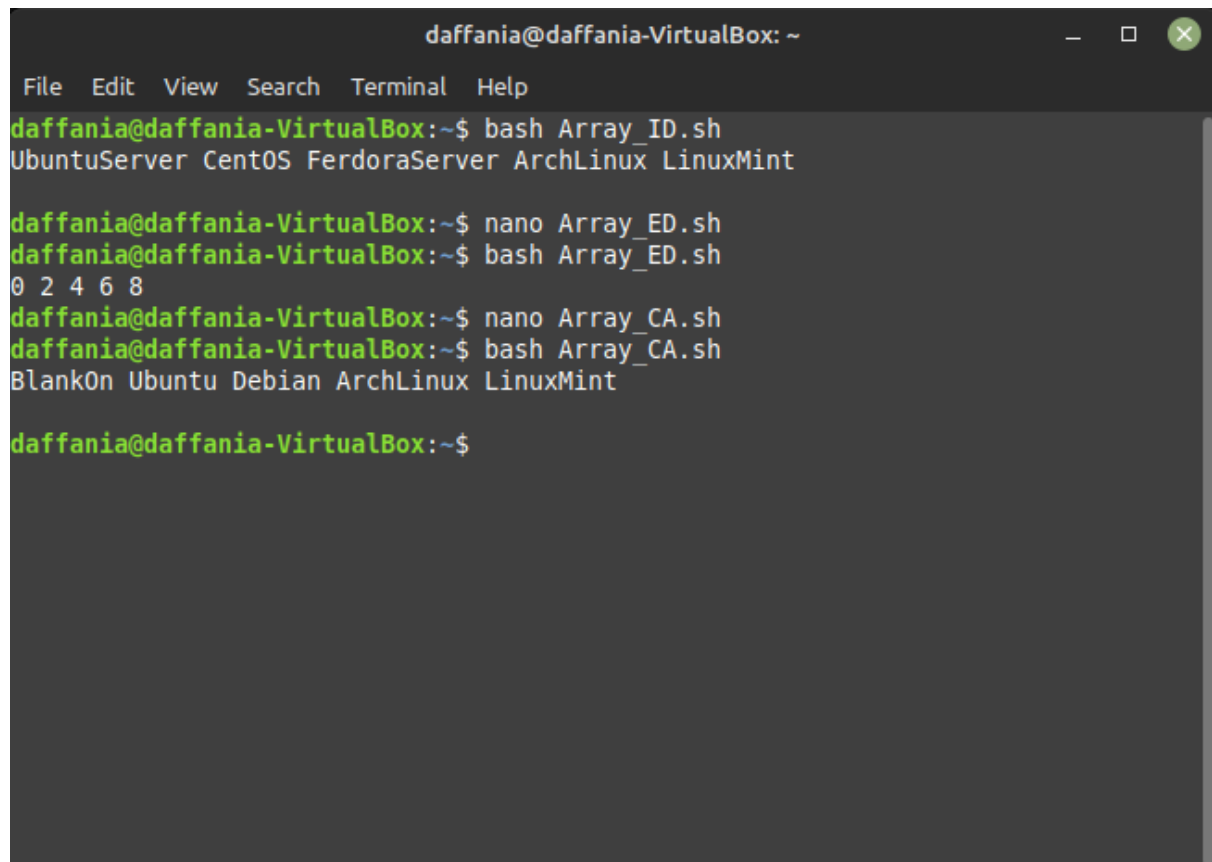1. Array Indirect Declaration

2. Array Explicit Declaration


```
daffania@daffania-VirtualBox: ~

File   Edit   View   Search   Terminal   Help
daffania@daffania-VirtualBox:~$ bash Array_ID.sh
UbuntuServer CentOS FerdoraServer ArchLinux LinuxMint

daffania@daffania-VirtualBox:~$ nano Array_ED.sh
daffania@daffania-VirtualBox:~$ bash Array_ED.sh
0 2 4 6 8
daffania@daffania-VirtualBox:~$
```

3. Array Compound Assignment

```
daffania@daffania-VirtualBox: ~                              _  □  ✕

File   Edit   View   Search   Terminal   Help

daffania@daffania-VirtualBox:~$ bash Array_ID.sh
UbuntuServer CentOS FerdoraServer ArchLinux LinuxMint

daffania@daffania-VirtualBox:~$ nano Array_ED.sh
daffania@daffania-VirtualBox:~$ bash Array_ED.sh
0 2 4 6 8
daffania@daffania-VirtualBox:~$ nano Array_CA.sh
daffania@daffania-VirtualBox:~$ bash Array_CA.sh
BlankOn Ubuntu Debian ArchLinux LinuxMint

daffania@daffania-VirtualBox:~$
```

4. Array Multi Dimensi


```
daffania@daffania-VirtualBox: ~

File  Edit  View  Search  Terminal  Help
daffania@daffania-VirtualBox:~$ bash Array_ID.sh
UbuntuServer CentOS FerdoraServer ArchLinux LinuxMint

daffania@daffania-VirtualBox:~$ nano Array_ED.sh
daffania@daffania-VirtualBox:~$ bash Array_ED.sh
0 2 4 6 8
daffania@daffania-VirtualBox:~$ nano Array_CA.sh
daffania@daffania-VirtualBox:~$ bash Array_CA.sh
BlankOn Ubuntu Debian ArchLinux LinuxMint

daffania@daffania-VirtualBox:~$ nano Array_MD.sh
daffania@daffania-VirtualBox:~$ bash Array_MD.sh
Array_MD.sh: line 10: unexpected EOF while looking for matching `''
Array_MD.sh: line 24: syntax error: unexpected end of file
daffania@daffania-VirtualBox:~$ nano Array_MD.sh
daffania@daffania-VirtualBox:~$ bash Array_MD.sh
Array_MD.sh: line 10: unexpected EOF while looking for matching `''
Array_MD.sh: line 24: syntax error: unexpected end of file
daffania@daffania-VirtualBox:~$ nano Array_MD.sh
daffania@daffania-VirtualBox:~$ bash Array_MD.sh
1.1  1.2  1.3  1.4
2.1  2.2  2.3  2.4
3.1  3.2  3.3  3.4
daffania@daffania-VirtualBox:~$
```

5. Soal Latihan

Buatlah program array yang dapat menghitung nilai IPK mahasiswa yang menerapkan beberapa konsep pemrograman bash seperti diatas dengan ketentuan sbb!

o user input data arrayIPSMahasiswa[index]

o IPK = (jumlah nilai IPS) / (jumlah data IPS)

```
                          daffania@daffania-VirtualBox: ~                        _   □   ✕

 File   Edit   View   Search   Terminal   Help
IPS mhs = 9 /
Tugas6.sh: line 24: p / n: division by 0 (error token is "n")
daffania@daffania-VirtualBox:~$ nano Tugas6.sh
daffania@daffania-VirtualBox:~$ bash TUgas6.sh
bash: TUgas6.sh: No such file or directory
daffania@daffania-VirtualBox:~$ bash Tugas6.sh
Input : 3
4
2
3


IPS mhs = 9 / 4
IPK mhs = 2
daffania@daffania-VirtualBox:~$ nano Tugas6.sh
daffania@daffania-VirtualBox:~$ bash Tugas6.sh
Input : 3
4
2
3

IPS mhs = 9 / 3
IPK mhs = 3
daffania@daffania-VirtualBox:~$ █
```