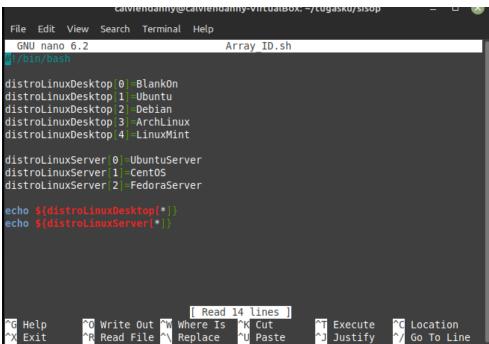
A. Array Indirect Declaration

```
calviendanny@calviendanny-VirtualBox: ~/tugasku/sisop
 File Edit View Search Terminal Help
'belajar bash dasar'
                                    Music
                                                Public
                        Downloads
                                    Pictures
                                                Templates
                                                            Videos
calviendanny@calviendanny-VirtualBox:~$ cd tugasku
calviendanny@calviendanny-VirtualBox:~/tugasku$ ls
calviendanny@calviendanny-VirtualBox:~/tugasku$ cd sisop
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ ls
 array.sh
           output1.sh
                                 test.sh
                                                          Tugas1.sh
 forloop1.sh output2.sh
                                                          Tugas-2.sh
                                 text.txt
 forloop2.sh percabangan1.sh Tugas-1.pdf
                                                          tugas4.sh
 forloop.sh percabangan2.sh Tugas-1.py
                                                          untilloop.sh
 input.sh
              pertemuan3.sh
                                 Tugas1.py
                                                          while.sh
 integer.sh selectloop.sh
                                 'Tugas-1(revisi).pdf'
 op mtk.sh
               string.sh
                                  Tugas-1.sh
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ nano Array_ID.sh
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash Array ID.sh
BlankOn Ubuntu Debian ArchLinux LinuxMint
Array_ID.sh: line 14: unexpected EOF while looking for matching `}'
Array ID.sh: line 15: syntax error: unexpected end of file
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ nano Array_ID.sh
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash Array_ID.sh
BlankOn Ubuntu Debian ArchLinux LinuxMint
UbuntuServer CentOS FedoraServer
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$
```



B. Array Explicit Declaration

```
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash Array_ED.sh
0 2 4 6 8
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$
```

```
File Edit View Search Terminal
 GNU nano 6.2
                                           Array ED.sh
 !/bin/bash
declare -a angka
i=0;
   let isi=$i*2;
angka[$i]=$isi;
let i=$i+1;
echo ${angka[@]}
                                     [ Read 14 lines ]
                ^O Write Out <sup>^W</sup> Where Is
 G Help
                                              ^K Cut
                                                              ^T Execute
                                                                             ^C Location
                                                 Paste
   Exit
                ^R Read File ^\ Replace
                                                                 Justify
                                                                                Go To Line
```

C. Array Compound Assignment

```
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash Array_CA.sh
babi indomi sapi tulang ikan kamu
darah anggur zam-zam
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$
```

```
makanan=('babi' 'indomi' 'sapi' 'tulang ikan' 'kamu')
minuman=('darah' 'anggur' 'zam-zam')

echo ${makanan[*]}
echo ${minuman[*]}

CG Help ^0 Write Out ^W Where Is ^K Cut ^T Execute ^C Location ^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line
```

D. Array Multi Dimensi

```
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ nano Array_MD.sh
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash Array_MD.sh
1.1 1.2 1.3 1.4
2.1 2.2 2.3 2.4
3.2 3.2 3.3 3.4
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$
```

```
array2dimensi="1.1:1.2:1.3:1.4 2.1:2.2:2.3:2.4 3.2:3.2:3.3:3.4"
function dimensiBaris {
   for baris in $array2
       dimensiKolom `echo $baris | tr : " "
function dimensiKolom {
   for kolom in $1
dimensiBaris
                              [ Read 20 lines ]
             ^O Write Out ^W Where Is
G Help
                                       ^K Cut
                                                    ^T Execute
                                                                 ^C Location
             ^R Read File ^\ Replace
                                                                 ^/ Go To Line
                                       ^U Paste
  Exit
                                                      Justify
```

Latihan Soal

```
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$ bash latihantugas6.sh
Masukkan jumlah ipsmu: 3
Masukkan nilai ipsmu: 4 2 3
4
2
3
IPK mhs= 9/3
IPK mhs= 3
calviendanny@calviendanny-VirtualBox:~/tugasku/sisop$
```

```
GNU nano 6.2
                                      tatinantugaso.sn
!/bin/bash
declare -a jumlahIPS
read -p "Masukkan jumlah ipsmu: " jumlahIPS
declare -a nilaiIPS
read -p "Masukkan nilai ipsmu: " nilaiIPS
                 ((jmlhIPS=$jumlahIPS))
((totIPS=$totIPS + $i))
        ((IPK=$totIPS/$jumlahIPS))
echo "IPK mhs= $totIPS/$jumlahIPS"
                                  [ Read 21 lines ]
              ^O Write Out ^W Where Is ^K Cut
                                                           ^T Execute
^J Justify
^G Help
                                                                          ^C Location
              ^R Read File ^\ Replace
                                            ^U Paste
                                                                          ^/ Go To Line
^X Exit
```