Assignements

1. User defined Variables

Creating the variable

Nano variable.sh

Var 1=10

Var 2=20

Echo the value of variable 1 is 10

Sh variable.sh

**The value of variable 1 is 10**

1. System defined variables

Creating the variable

Nano system.sh

Echo $PWD

Echo $HOME

Echo $OSTYPE

Sh system.sh

/home/ec2-user/shellscripting

/root

Linux-gnu

1. Environment Variables

Creating the variable

Nano read.sh

A=20

Read only A

A=9

Echo #A

A read only variable

* Unset

Creating the Unset

Nano unset.sh

B=10

Unset B

Echo the value of B is $B

Sh unset.sh

The value of B is

* Additional operation

Nano addition.sh

A=20

B=25

Sum=$((A+B))

Echo the addition of a and b is $sum

Sh addition.sh

**The addition of a and b is 45**

* For Loop

Nano for.sh

For varname in 2 3 4

Do

Echo $varname

Done

Sh for.sh

2

3

4

* Nano for1.sh

Echo “enter the number “

Read number

For varname in 1 2 3 4 5 6 7 8 9 10

Do

Echo $((number \* varname))

Done

Sh for1.sh

Enter the number

4

4

8

12

16

20

24

28

32

36

40

* Nano while.sh

N=1

While [[ $n -le 10 ]]

Do

Echo $n

((n++))

Done

Sh while.sh

1

2

3

4

5

6

7

8

9

10

* Nano while.sh

Echo enter the number

Read number

N==1

While [[ $n -le 10 ]]

Do

Echo $((n \* number ))

((n++))

Done

Sh while.sh

Enter the number

4

4

8

12

16

20

24

28

32

36

40

* Nano if.sh

Echo enter the value

Read number

If [ $number -lt 100 ]

Then

Echo “$number is less than 100”

Fi

Sh.if.sh

Enter the value

5

5 is less than 100