1.

#!/bin/bash

#This is my first script

#Author: seema

#demo script

echo " Hello World!"

2.

#!/bin/bash

#define small tasks

whoami

pwd

uptime

hostname

3.

#!/bin/bash

echo

whoami

echo

pwd

echo

ls -ltri

echo

date

echo

4.

#!/bin/bash

#Example of defining variables

a=James

b=Bond

c="AWS Restart Linux Fundamentals"

echo

echo "My first name is $a"

echo

echo " My surname is $b"

echo

echo " My class is $c"

echo

5.

#!/bin/bash

# Create script to take input from the user

echo

echo " Hello! My name is James Bond"

echo

echo What is your name?

echo

read namecont

echo

echo Hello $namecont

echo

6.

#!/bin/bash

echo

a=`hostname`

echo Hello! My server name is $a

echo

echo What is your name?

echo

read b

echo

echo Hello $b

echo

7.

#!/bin/bash

echo

a=`hostname`

echo

echo My Server Name is $a

echo

echo What is your name?

echo

read b

echo

echo What is your profession?

echo

read c

echo

echo What is your favourite sport?

echo

read d

echo

echo Hello $b

echo

echo Your profession $c is excellant!

echo

echo $d is a wonderful game!

Echo

8.

#!/bin/bash

clear

echo

echo What is your name?

echo

read a

echo

echo Hello $a

echo

echo " Do you like working in Cloud? (y/n)"

read like

echo

if [ $like == y ]

then

echo "You are cool"

elif [ $like == n ]

then

echo "You should try"

echo

fi

9.

#!/bin/bash

count=10

if [ $count -eq 100 ]

then

echo "Count is 100"

else

echo " Sorry, count is not 100"

fi

10.

#!/bin/bash

clear

if [ -e /home/ec2-user/error.txt ]

then

echo "file exists"

else

echo "file does not exist"

fi

11.

#!/bin/bash

a=`date | awk '{print $1}'`

if [ "$a" == Mon ]

then

echo " Today is $a"

else

echo " Today is not Monday"

fi

12.

#!/bin/bash

clear

echo "hello `whoami`"

echo

echo " Today is `date`"

echo

13.

#!/bin/bash

echo

echo " Enter the file name to be renamed"

read oldfile

echo " Enter the new file name"

read newfilename

mv $oldfile $newfilename

echo "The $oldfile file has been renamed as $newfilename"

14.

#!/bin/bash

for i in 1 2 3 4

do

echo " Welcome $i times"

done

15.

#!/bin/bash

for i in eat run jump play sit

do

echo " Tom $i"

don

16.

#!/bin/bash

c=1

while [ $c -le 5 ]

do

echo "Welcome $c times"

(( c++ ))

Done

17.

#!/bin/bash

#compare $1 and $2

if [ $1 -gt $2 ]

then

echo "the first number is greater than the second number"

elif [ $1 -lt $2 ]

then

echo " The second number is greater than the first number"

else

echo " The two numbers are equal"

fi

18.

#!/bin/bash

echo

echo "Please select one of the option below"

echo

echo " a = Display date and time "

echo " b = List files and directories "

echo " c = List users logged in "

echo " d = Check System Uptime "

read choices

case $choices in

a)date;;

b)ls;;

c)whoami;;

d)uptime;;

\*)echo invalid choice

Esac

19.

Comparisons:

-eq equal to for numbers

== equal to for letters

-ne not equal to for numbers

!== not equal to for letters

-lt less than

-le less than or equal to

-gt greater than

-ge greater than or equal to

#!/bin/bash

a=10

b=20

if [ $a -lt 5 -o $b -gt 100 ]

then

echo "$a -lt 100 -o $b -gt 100 : returns true"

else

echo "$a -lt 100 -o $b -gt 100 : returns false"

fi

20.

a=10

b=20

if [ $a -lt 100 -a $b -gt 15 ]

then

echo "$a -lt 100 -a $b -gt 15 : returns true"

else

echo "$a -lt 100 -a $b -gt 15 : returns false"

fi

21.

#!/bin/bash

a=10

b=20

if [ $a != $b ]

then

echo "$a != $b : a is not equal to b"

else

echo "$a != $b: a is equal to b"

fi

-----------------------------------

22.

#!/bin/bash

echo

sum=$(($1 + $2))

echo $sum

----

./sum 56 78

----------------------------------------

23.

#!/bin/bash

the\_world\_is\_flat=true

# ...do something interesting...

if [ "$the\_world\_is\_flat" = true ] ; then

echo 'Be careful not to fall off!'

fi

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24.

Script to backup home directory

#!/bin/bash

# script to bkup home directory of labsuser user

tar -czf bkupjob.tar /home/labsuser

echo "backup job complete at `date`"

-------------------------------------------------

25.

while script

#!/bin/bash

counter=1

while [ $counter -le 10 ]

do

echo $counter

((counter++))

done

----------------------------------------

26.

until script:

#!/bin/bash

counter=1

until [ $counter -gt 10 ]

do

echo $counter

((counter++))

done

-----------------------------------------

27.

repeatable tasks:

#!/bin/bash

for i in {1..5}

do

touch $i

done

--------------------------------------

28.

#!/bin/bash

if [ cp /home/test/myscripts/file1 /tmp ];

then

rm file1

fi

29.

#!/bin/bash

cp file1 /tmp

if [ -e /tmp/file1 ]

then

echo "file exists"

rm file1

echo "file deleted"

fi

30.

#!/bin/bash

touch myfile.txt

if [ $? -eq 0 ];

then

echo “ file is created”

exit 0

else

echo “ error when creating the file”

exit

fi

31.

#!/bin/bash

echo Hello $USER!

echo Today’s date is : `date`

32.

#!/bin/bash

counter=1

while [ $counter -le 10 ];

do

echo $counter

(( counter ++ ))

done

33.

#!/bin/bash

number = 1

while [ $number –lt 11 ]

do

echo $number

((number++))

done

34.

#!/bin/bash

a=0

while [ $a -lt 10 ]

do

echo $a

if [ $a -eq 5 ]

then

break

fi

a=`expr $a + 1`

done

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