April 16th:

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

#!/bin/bash

while true; do

read -p "Enter The Value Of A:" A

read -p "Enter The Value Of B:" B

if [ $A -lt $B ]; then

echo "$A less than $B"

elif [ $A -eq $B ]; then

echo "Both Are Equal"

else

echo "$A greater than $B"

fi

done

I=0

while [ $I -lt 11 ]; do

echo "Welcome To DevOp Training Class $I"

I=$(($I + 1))

done

for region in $(cat regions); do

aws s3api create-bucket --bucket devopsb12class3-${region} --region $region

sleep 3

done

for region in $(cat regions); do

aws s3 rb s3://devopsb12class3-${region} --force

sleep 3

done

DEBUGGING:

#!/bin/bash

set -x

read -p "Enter the command:" COMM

$COMM

if [ $? -eq 0 ]; then

echo "You have entered a right command."

else

echo "Comand Not Found"

fi

for I in {2..100}; do

if [ $(expr $I % 2) -eq 0 ]; then

echo "$I is an ODD Number."

fi

done

April 17th:

root@ip-10-1-1-11:~# cat user.sh

#!/bin/bash

while true

do

read -p "Please Enter The User Name:" USERNAME

if [ -n "$USERNAME" ]; then

echo "$USERNAME is valid."

EXUSER=$(cat /etc/passwd | grep -i $USERNAME | cut -d ":" -f 1)

if [ "$EXUSER" == "$USERNAME" ]; then

echo "User $USERNAME Already Exists, Please Select a Diffrent Username"

else

#read -s -p "Please Enter The Password:" PASSWORD

SPECIAL='!@#$%^&\*()\_+'

SPECCHAR=$(echo $SPECIAL | fold -w 1 | shuf | head -1)

PASSWORD="India${SPECCHAR}${RANDOM}"

useradd -m $USERNAME

echo "$USERNAME:$PASSWORD" | sudo chpasswd

passwd -e $USERNAME

echo "$USERNAME sucessfully created & temp password is $PASSWORD"

fi

else

echo "Invalid Username"

fi

done

----------

#!/bin/bash

if [ $# -eq 0 ]

then

echo "You have entered $# usernames. Please provide a username."

else

for USERNAME in $@

do

#if [ -n "$USERNAME" ]; then

if [[ -n $USERNAME ]] && [[ $USERNAME -eq $USERNAME ]]; then

echo "$USERNAME is valid."

EXUSER=$(cat /etc/passwd | grep -w $USERNAME | cut -d ":" -f 1)

if [ "$EXUSER" == "$USERNAME" ]; then

echo "But User $USERNAME Already Exists, Please Select a Diffrent Username"

else

#read -s -p "Please Enter The Password:" PASSWORD

SPECIAL='!@#$%^&\*()\_+'

SPECCHAR=$(echo $SPECIAL | fold -w 1 | shuf | head -1)

PASSWORD="India${SPECCHAR}${RANDOM}"

useradd -m $USERNAME

echo "$USERNAME:$PASSWORD" | sudo chpasswd

passwd -e $USERNAME

echo "$USERNAME sucessfully created & temp password is $PASSWORD"

sleep 5

fi

else

echo "Invalid Username"

fi

done

fi

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

#!/bin/bash

read -p "Enter Username:" USERNAME

if [[ -n $USERNAME ]] && [ $USERNAME -eq $USERNAME 2>/dev/null ]

#if [[ $USERNAME ]] && [ $USERNAME -eq $USERNAME ]

then

echo "input is an integer"

else

read -s -p "please enter the password for $USERNAME :" PASSWORD

echo "$USERNAME successfully created..."

echo "PASSWORD: $PASSWORD"

Fi

FUNCTIONS:

#!/bin/bash

set +x

function gross {

NAME=$1

SALARY=$2

HRA=$(echo $SALARY \\* .40 |bc)

echo "HRA for $NAME is $HRA"

GROSSSAL=$(echo $SALARY + $HRA | bc)

echo "Your name is ${NAME} and Total Gross Salary is ${GROSSSAL}"

net

}

net (){

TAXPER=10

TOTALTAX=$(echo $GROSSSAL / $TAXPER | bc)

NETSAL=$(echo $GROSSSAL - $TOTALTAX | bc)

echo "Your name is ${NAME} and Net Salary is ${NETSAL}"

}

gross $@

=======================

April 23:

param(

[Parameter(Mandatory)]

[int] $a = $(Read-Host "Please Enter The Value of A"),

[Parameter(Mandatory)]

[int] $b = $(Read-Host "Please Enter The Value of B")

)

$a.GetType()

$b.GetType()

Write-Output $aerror

if ($a -is [int] -and $b -is [int]) {

if ( $a -gt $b) {

Write-Output "A value is $a is greater than B value of $b"

}

else {

Write-Output "B value is $b is greater than A value of $a"

}

}

else

{

Write-Output "Enter Only Integers for A and B."

}