
NETWORKING & SYSTEM ADMINISTRATION LAB

Experiment No: 8

Aim

Write shell script to print details.

Program

```
#!/bin/bash
echo "Enter your name:"
read name
echo "enter your phone number:"
read phno
echo "enter your age:"
read age
echo "enter your address"
read address
echo "Entered value is:"
echo $name
$phno
$age
$addres
```

Name: Silvia Thomas

Roll No: 38

Batch: B

Date: 05/05/2022

Output

```
student@S38:~/Documents/shellscripting$ bash first.sh
enter your name
silvia
enter your phone number
9087654321
enter your age
21
enter your address
asdfghjkl
entered value is
silvia

9087654321
21
asdfghjkl
```

Aim

Write shell script program to find largest among 2 numbers..

Program

```
#!/bin/bash

echo "Enter the first number"
read num1

echo "Enter the second number"
read num2

if [ $num1 -gt $num2 ]
then
echo "greatest number is $num1"
else
echo "greatest number is $num2"
fi
```

Output

```
student@S38:~/Documents/shellscripting$ bash first.sh
enter the first number
4
enter the second number
5
greatest number is 5
```

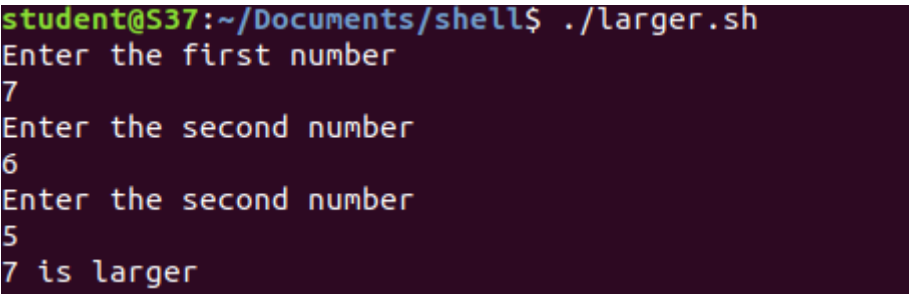
Aim

Write shell script program to find largest among 3 numbers.

Program

```
#!/bin/bash
echo "Enter the first number"
read a
echo "Enter the second number"
read b
echo "Enter the second number"
read c
if [ $a -gt $b ] && [ $a -gt $c ]
then
echo $a" is larger"
elif [ $b -gt $a ] && [ $b -gt $c ]
then
echo $b" is larger"
else
echo $c"is larger"
fi
```

Output

A terminal window with a dark purple background. The prompt is 'student@S37:~/Documents/shell\$'. The user has run './larger.sh'. The script prompts for three numbers: 'Enter the first number' (7), 'Enter the second number' (6), and 'Enter the second number' (5). The final output is '7 is larger'.

```
student@S37:~/Documents/shell$ ./larger.sh
Enter the first number
7
Enter the second number
6
Enter the second number
5
7 is larger
```

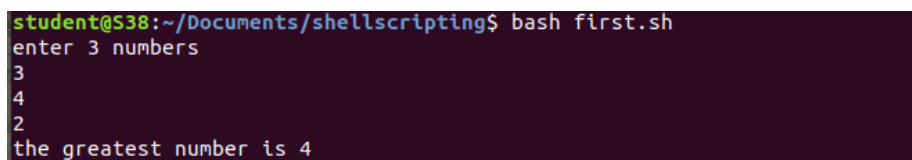
Aim

Write shell script program to find sum of two numbers.

Program

```
#!/bin/bash
echo "enter 3 numbers"
read a
read b
read c
if [ $a -gt $b -a $a -gt $c ]
then
elif [ $b -gt $c ]
then
echo "the greatest number is $b"
else
echo "the greatest number is $c"
fi
```

Output



```
student@S38:~/Documents/shellscripting$ bash first.sh
enter 3 numbers
3
4
2
the greatest number is 4
```

Aim

Write shell script program to check the number is even or odd.

Program

```
#!/bin/bash
echo "Enter the number"
read num
var=$((num % 2))
if [ $var -eq 0 ]
then
echo "the number is even"
else
echo "the number is odd"
fi
```

Output

```
enter a number
6
the number is even
```