

OS ASSIGMENT 01

MUHAMMAD ABDULLAH | 221546 | BSCYS-IVA

TASK 01:

Find whether a year is leap or not.

```
(kali® kali)-[~/Documents]
$ bash hello.sh
Enter the year: 2004
Leap year.

(kali® kali)-[~/Documents]
$ bash hello.sh
Enter the year: 2005
Not a Leap year
```

TASK 02:

Factorial finder

```
(kali@ kali)-[~/Documents]
$ bash hello.sh
Enter a number that is non-zero and not negative: 4
24
```

TASK 03:

Swap two numbers

```
GNU nano 7.2

!/bin/bash

echo "Before swapping:"
echo "First integer: $1"
echo "Second integer: $2"

temp=$1
num1=$2
num2=$temp

echo "After swapping:"
echo "First integer: $num1"
echo "Second integer: $num2"
```

```
(kali® kali)-[~/Documents]
$ bash hello.sh 1 2
Before swapping:
First integer: 1
Second integer: 2
After swapping:
First integer: 2
Second integer: 1
```

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