

**NETWORKING & SYSTEM ADMINISTRATION LAB****Experiment No.: 21****Aim**

Shell script to find the sum of digits of a number

**Procedure**

```
#!/bin/bash
```

```
echo "enter a number"
```

```
read n
```

```
d=0
```

```
s=0
```

```
cpy=$n
```

```
while [ $n -gt 0 ]
```

```
do
```

```
d=$(( $n % 10 ));
```

```
n=$(( $n / 10 ));
```

```
s=$(( $s + $d ));
```

```
done
```

```
echo "sum of digits of $cpy is $s"
```

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**Date: 12-05-2022**

**Output:**

```
overage=5  
student@S37:~/Documents/shellscript$ bash sumofall.sh  
enter a number  
167  
14  
student@S37:~/Documents/shellscript$
```