

## Shell scripting part 3 (Lesson 17)

### \* functions.

Reuse code , component  
function score\_sum {

}

score\_sum

### \* pass parameter to the function.

function create\_file() {

file\_name = \$1

touch \$file\_name

echo "file \$file\_name created"

}

create\_file test.txt

create\_file myfile.yaml

create\_file myscript.sh

### \* multiple parameters .

function create\_file() {

file\_name = \$1

is\_shell\_script = \$2

touch \$file\_name

echo "file \$file\_name created"

if [ "\$is\_shell\_script" = true ]

then

chmod u+x \$file\_name

echo "added execute permission"

fi

}

create\_file myscript.sh true

### \* Returning value from functions.

```
function sum () {  
    total = $(($1 + $2))  
    return $total  
}
```

```
Sum 2 10  
result = $? — captures result  
echo "Sum of 2 and 10 is from previous  
$result " command
```

### \* Wrap up.

Backup scripts, monitoring scripts,  
Server configuration scripts

- Automate your work
- Portable, shareable file