Shell scripting part 3 (lesson 17)

* <u>functions</u>.

Reuse code , component

```
function score_sum {



}
```

score_sum

* <u>pass parameter to the function</u>.

```
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
```

* <u>multiple parameters</u>.

```
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+n $file_name
        echo "added execute permission"
    fi
}
```

```
create_file myscript.sh true
```

* <u>Returning value from functions</u>.

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

```
sum    2  1 0
result = $?          captures result
                     from previous
                     command
echo "sum of 2 and 10 is
            $result "
```

* <u>Wrap up</u>.
    Backup scripts, monitoring scripts,
      server configuration scripts
  — Automate your work
  — Portable, shareable file