

### Challenge 1:

- Create a directory with a name of <yourName>-<currentDate>.

```
#!/bin/bash
date=$(date +"%d-%m-%y")
name=$USER
op="$name"_"$date"
mkdir $op
```

- Write a bash script to:
    - Create twenty-five empty (0 KB) files (Hint: Use the touch command).
    - The file names should be <yourName><number>, <yourName><number+1>, <yourName><number+2> and so on.
- ```
#!/bin/bash
rm -r learning_c
mkdir learning_c
cd learning_c
touch ahmed{1..25}.txt
```
- Design the script so that each time you execute it, it creates the next batch of 25 files with increasing numbers starting with the last or max number that already exists.
  - Do not hard code these numbers. You need to generate them using automation.
- Test the script. Display a long list of the directory and its contents to validate that the script created the expected files.

```
#!/bin/bash
if [ -d $1 ]
then
nameFolder=$1
cd $nameFolder
name=$(find -name '*.txt' | sort -V | tail -1)
tmp=${name##+([0-9])}
start=${tmp%%+([0-9])}
base=25
END=$(( $start+$base))
i=$start
while [[ $i -le $END ]]
```

```
do
touch ahmed-${i}.txt
((i = i + 1))

done
cd ../
else
nameFolder=$1
mkdir $nameFolder
cd $nameFolder
touch ahmed-{0..25}.txt
cd ../
fi
```