A terminal window titled "Terminal" with a dark theme. The window shows a user named 'mca' at a 'localhost Desktop' environment. The user runs 'chmod +x password.sh' and then './password.sh'. The script prompts for a password, and the user enters 'shahana123'. The script outputs 'Weak Password->Should include a capital letter.' The user runs the script again, enters 'Shahanaa123', and the script outputs 'Strong Password'. The terminal window has a menu bar with 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The top status bar shows 'May 17 06:04' and system icons.

```
[mca@localhost Desktop]$ chmod +x password.sh
[mca@localhost Desktop]$ ./password.sh
Enter your password
shahana123
Weak Password->Should include a capital letter.
[mca@localhost Desktop]$ chmod +x password.sh
[mca@localhost Desktop]$ ./password.sh
Enter your password
Shahanaa123
Strong Password
[mca@localhost Desktop]$
```

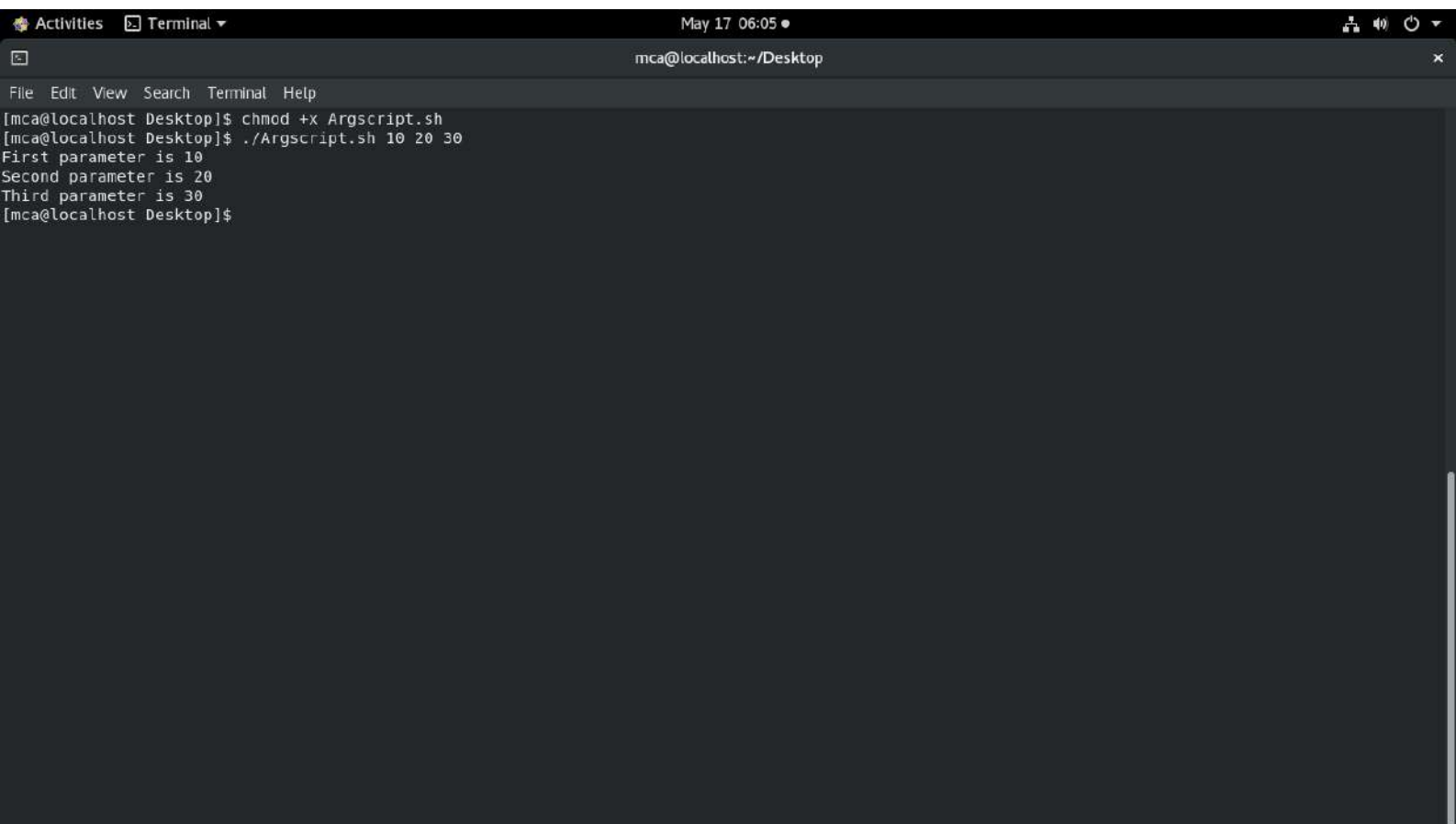
ActivitiesText EditorMay 17 06:04

Openpassword.shSave

Argscript.shnew.shpassword.shindex.shassignment 3.txt

```
#!/bin/bash
echo "Enter your password"
read password
len=${#password}
if test $len -ge 8 ; then
echo "$password" | grep -q [0-9]
if test $? -eq 0 ; then
echo "$password" | grep -q [A-Z]
if test $? -eq 0 ; then
echo "$password" | grep -q [a-z]
if test $? -eq 0 ; then
echo "Strong Password"
else
echo "Weak Password->Should include a lower case letter."
fi
else
echo "Weak Password->Should include a capital letter."
fi
else
echo "Weak Password-> Should use numbers in your password"
fi
else
echo "Weak Password->Password length should have atleast 8 characters."
fi
```

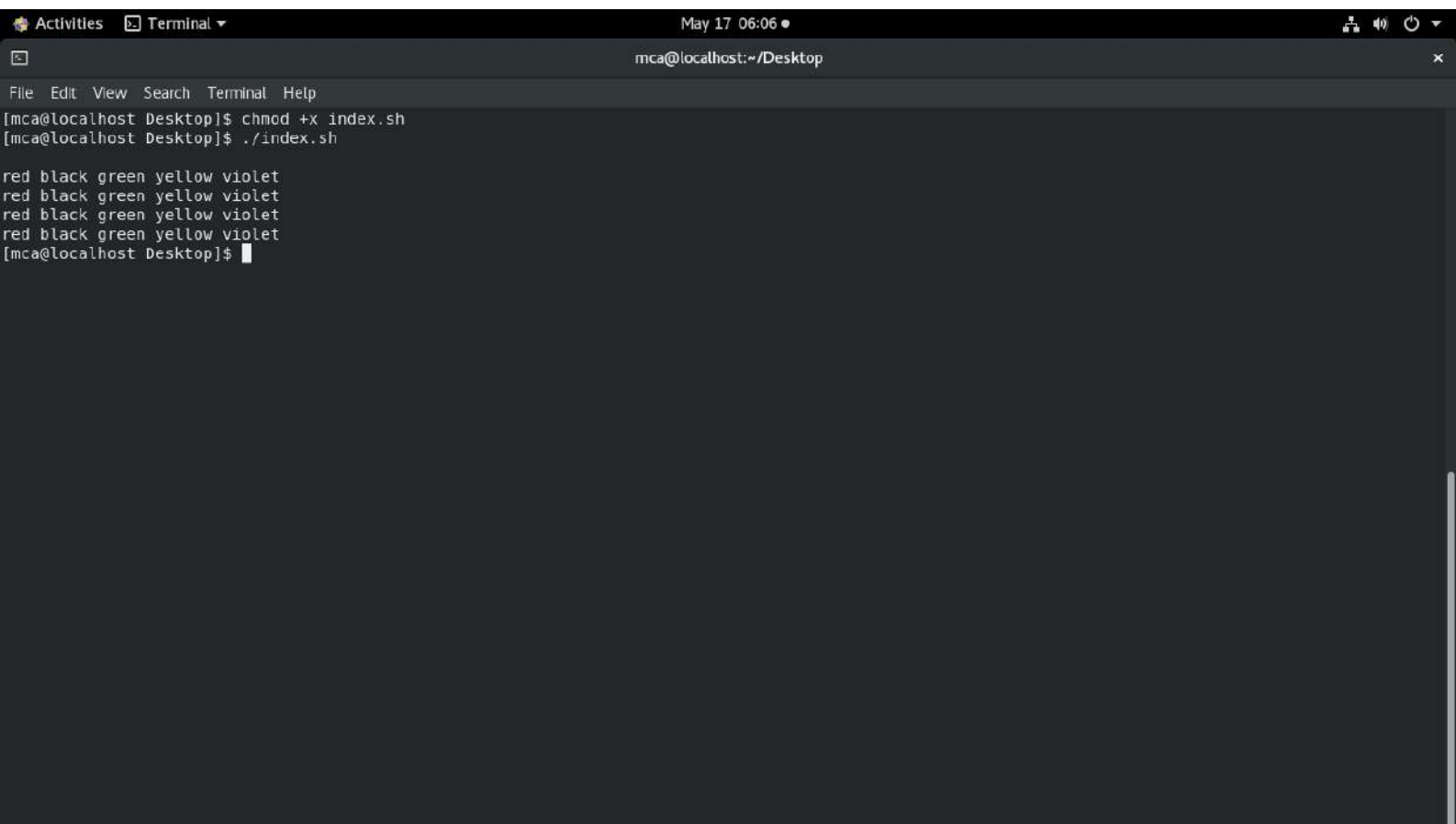
shTab Width: 8Ln 5, Col 14INS

A terminal window titled "Terminal" with a dark background. The window shows a series of commands and their outputs. The commands are: `chmod +x Argscript.sh`, `./Argscript.sh 10 20 30`, and a prompt for the next command. The outputs are: "First parameter is 10", "Second parameter is 20", and "Third parameter is 30". The window's title bar includes "Activities", "Terminal", and a date/time indicator "May 17 06:05". The terminal's title bar shows the current directory as `mca@localhost:~/Desktop`.

```
mca@localhost Desktop]$ chmod +x Argscript.sh
mca@localhost Desktop]$ ./Argscript.sh 10 20 30
First parameter is 10
Second parameter is 20
Third parameter is 30
mca@localhost Desktop]$
```

```
#!/bin/bash
echo "First parameter is $1"
echo "Second parameter is $2"
echo "Third parameter is $3"
```

```
#!/bin/bash
echo ${ARRAYNAME[*]}
arr=(red black green yellow violet)
echo ${arr[@]}
echo ${arr[*]}
echo ${arr[@]:0}
echo ${arr[*]:0}
```



A terminal window titled "Terminal" is open, showing a shell script execution. The prompt is [mca@localhost Desktop]. The user has entered the command `chmod +x index.sh` and then `./index.sh`. The script outputs four lines of text, each containing the words "red black green yellow violet" in a different color: red, black, green, yellow, and violet. The terminal window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The status bar at the top shows "May 17 06:06" and system icons.

```
[mca@localhost Desktop]$ chmod +x index.sh
[mca@localhost Desktop]$ ./index.sh
red black green yellow violet
red black green yellow violet
red black green yellow violet
red black green yellow violet
[mca@localhost Desktop]$
```