ASSIGNMENT 1

Assignment 1: Ensure the script checks if a specific file (e.g., myfile.txt) exists in the current directory. If it exists, print "File exists", otherwise print "File not found".

Description: This script checks if a specified file (e.g., **myfile.txt**) exists in the current directory. If the file exists, it prints "File exists"; otherwise, it prints "File not found".

Script:

```sh
#!/bin/sh
# Check if file exists in the directory
read -p "Enter the file name: " filename
if [ -f "$filename" ]; then
    echo "File exists"
else
    echo "File not found"
fi
```

Sample Output:

Enter the file name: variable.sh

File exists

Enter the file name: myfile.txt

File not found

```sh
#!/bin/sh

# Check if file exists in the directory

read -p "Enter the file name:" filename

if [ -f $filename ]; then
    echo "File exists"
else
    echo "File not found"
fi
```

```
rps@rps-virtual-machine:~$ nano check_file.sh
rps@rps-virtual-machine:~$ dir
check_file.sh  hello                                   Pictures  Templates
Desktop        Music                                   programs  Videos
Documents      node_exporter-0.18.1.linux-amd64.tar.gz Public
Downloads      oracle-database-xe-21c-1.0-1.ol8.x86_64.rpm snap
rps@rps-virtual-machine:~$ cd programs
rps@rps-virtual-machine:~/programs$ dir
check_file.sh  variable.sh
rps@rps-virtual-machine:~/programs$ chmod 777 ./check_file.sh
rps@rps-virtual-machine:~/programs$ ./check_file.sh
Enter the file name:variable.sh
File exists
rps@rps-virtual-machine:~/programs$
```