Spoken Tutorials - Bash Assignment Funded by the National Mission on Education through ICT Indian Institute of Technology Bombay, http://spoken-tutorial.org

Logical Operators

1) Check whether the file exists and is executable using logical operators. Hint:man test

Code:

#!/bin/bash

```
read -p "Enter the file name:"

if [!-e $file]; then

echo "File does not exist";

else

echo "File exists";

if [!-x $file]; then

echo "It is not executable";

else

echo "It is executable";

fi

fi
```

Output:

```
harsh@harsh:~$ ./logical_operators.sh
Enter the file name:add.sh
File exists
It is executable
harsh@harsh:~$ ./logical_operators.sh
Enter the file name:def.txt
File exists
It is not executable
harsh@harsh:~$ ./logical_operators.sh
Enter the file name:lmnopq
File does not exist
harsh@harsh:~$
```