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**khushanshuparihar-hub** hioc

59dddaf · 1 minute ago



85 lines (60 loc) · 1.71 KB

Code

Blame

Raw



```
1  #!/bin/bash
2  # check_file.sh
3  # Usage: ./check_file.sh filename.txt
4
5  if [ $# -ne 1 ]; then
6  echo "Usage: $0 <filename>"
7  exit 1
8  fi
9
10 file="$1"
11 if [ -e "$file" ]; then
12 echo "File exists: $file"
13 echo "----- contents -----"
14 cat -- "$file"
15 else
16 echo "File '$file' does not exist."
17 read -p "Create it now? (y/N): " ans
18 case "$ans" in
19 [Yy]*) touch "$file"; echo "Created $file"; echo "You can edit it using your favorite edit
20 *) echo "Not creating file." ;;
21 esac
22 fi
23
24 ## Line-by-Line Explanation:
25
26 #!/bin/bash
27 → Shebang line, tells the system to use bash to run this script.
28
29 2-3. Comments explaining the script name and usage.
30
31 4-7.
32
33 if [ $# -ne 1 ]; then
34     echo "Usage: $0 <filename>"
35     exit 1
36 fi
```

```
37
38
39  $# = number of command-line arguments.
40
41  If not equal to 1, print usage and exit.
42
43  $0 is the script name itself.
44
45  🖱 Ensures the user must provide one filename.
46
47  file="$1"
48
49  $1 is the first argument passed (the filename).
50
51  Stores it in variable file.
52
53  10-14.
54
55  if [ -e "$file" ]; then
56  echo "File exists: $file"
57  echo "----- contents -----"
58  cat -- "$file"
59
60
61  -e "$file" checks if the file exists.
62  If yes → print confirmation and display its contents using cat.
63  15-21 (else part):
64  If the file does not exist:
65  Inform the user: "File '$file' does not exist."
66  Ask: "Create it now? (y/N): "
67  Use a case statement:
68  If answer starts with y or Y → touch creates an empty file, then prints confirmation.
69  Otherwise → "Not creating file."
70
71  ✅ What this script does
72
73  Takes a filename as input.
74
75  If file exists → shows its contents.
76
77  If file does not exist → asks user whether to create it.
78
79  🖱 Example run:
80
81  $ ./check_file.sh notes.txt
82  File 'notes.txt' does not exist.
83  Create it now? (y/N): y
84  Created notes.txt
85  You can edit it using nano/vi/etc.
```