

MINGW64:c/Users/hp/OneDrive/Desktop/shell_practical

GNU nano 8.7 practical1.sh

```
#!/bin/bash

echo "Enter marks of subject 1:"
read m1
echo "Enter marks of subject 2:"
read m2
echo "Enter marks of subject 3:"
read m3

total=$((m1 + m2 + m3))
percentage=$((total / 3))

echo "Total Marks: $total"
echo "Percentage: $percentage"

if [ $percentage -ge 75 ]
then
    echo "Class: Distinction"
elif [ $percentage -ge 60 ]
then
    echo "Class: First Class"
elif [ $percentage -ge 40 ]
then
    echo "Class: Pass"
else
    echo "Class: Fail"
fi
```

Read 27 lines

AG Help
M-A Exit
AO Write Out
AR Read File
AF Where Is
A\ Replace
AK Cut
AU Paste
AT Execute
AJ Justify
AC Location
A/ Go To Line
M-U Undo
M-E Redo
M-A Set Mark
M-G Copy
M-] To Bracket
A-B Where Was
N-B Previous
N-F Next
+ Back
+ Forward
A+ Prev word
A+ Next word

```
MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
$ MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
$ mkdir shell_practical
$ cd shell_practical
$ touch practical1.sh
$ nano practical1.sh
$ chmod +x practical1.sh
$ ./practical1.sh
Enter marks of subject 1:
99
Enter marks of subject 2:
99
Enter marks of subject 3:
99
Total Marks: 297
Percentage: 99%
Class: Distinction
$
```

```
MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
$ MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
$ mkdir shell_practical
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Enter marks of subject 1:
99
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99
Enter marks of subject 3:
99
Total Marks: 297
Percentage: 99%
Class: Distinction
$
```

MINGW64/c/Users/hp/OneDrive/Desktop/shell_practical
GNU nano 8.7 practical2.sh
#!/bin/bash

```
echo "1. Display calendar of current month"
echo "2. Display today's date and time"
echo "3. Display usernames currently logged in"
echo "4. Display terminal number"
echo "Enter your choice:"
read ch

case $ch in
    1) cal ;;
    2) date ;;
    3) who ;;
    4) tty ;;
    *) echo "Invalid choice" ;;
esac
```

[Wrote 16 lines]

Alt+Help Alt+Write Out Alt+Where Is Alt+Cut Alt+Execute Alt+Location Alt+U Undo Alt+A Set Mark M-J To Bracket M-B Previous ⌘+Back Alt+Read File Alt+Replace Alt+Paste Alt+J Justify Alt+G Go To Line Alt+E Redo Alt+6 Copy Alt+B Where Was M-F Next ⌘+Forward Alt+Prev Word ⌘+Next Word

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop (master)
$ mkdir shell_practical

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop (master)
$ cd shell_practical

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical1.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical1.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical1.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical1.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical1.sh
Enter marks of subject 1:
99
Enter marks of subject 2:
99
Enter marks of subject 3:
99
Total Marks: 297
Percentage: 99%
Class: Distinction

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical2.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical2.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical1.sh

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical2.sh
1. Display calendar of current month
2. Display today's date and time
3. Display usernames currently logged in
4. Display terminal number
Enter your choice:
2
Tue Jan 20 22:56:14 IST 2026

hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$
```

```
MINGW64/c/Users/hp/OneDrive/Desktop/shell_practical          practical3.sh
GNU nano 8.7
#!/bin/bash

echo "Enter number of terms:"
read n

a=1
b=1

echo "Fibonacci series:"
echo $a
echo $b

for (( i=3; i<=n; i++ ))
do
    c=$((a + b))
    echo $c
    a=$b
    b=$c
done
```

```
1 (master)  
1 (master)  
1 (master)  
ory  
1 (master)  
1 (master)  
1 (master)
```

```
MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
```

```
Enter marks of subject 2:
```

```
99
```

```
Enter marks of subject 3:
```

```
99
```

```
Total Marks: 297
```

```
Percentage: 99%
```

```
Class: Distinction
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical2.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical2.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical1.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical2.sh
```

1. Display calendar of current month
2. Display today's date and time
3. Display usernames currently logged in
4. Display terminal number

```
Enter your choice:
```

```
2
```

```
Tue Jan 20 22:56:14 IST 2026
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical3.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical3.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical4.sh
```

```
chmod: cannot access 'practical4.sh': No such file or directory
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical4.sh
```

```
bash: ./practical4.sh: No such file or directory
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical3.sh
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical3.sh
```

```
Enter number of terms:
```

```
6
```

```
Fibonacci series:
```

```
1
```

```
1
```

```
2
```

```
3
```

```
5
```

```
8
```

```
hp@LAPTOP-K09EGM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$
```



20°C

Mostly clear



Search

MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical

GNU nano 8.7

practical14.sh

```
#!/bin/bash

echo "Enter how many prime numbers:"
read n

count=0
num=2

while [ $count -lt $n ]
do
    flag=1
    for (( i=2; i<=num/2; i++ ))
    do
        if [ $((num % i)) -eq 0 ]
        then
            flag=0
            break
        fi
    done

    if [ $flag -eq 1 ]
    then
        echo $num
        count=$((count + 1))
    fi

    num=$((num + 1))
done
```



```
MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
bash: ./practical14.sh: No such file or directory
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical3.sh
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical3.sh
Enter number of terms:
6
Fibonacci series:
1
2
3
5
8
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical14.sh
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical14.sh
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical14.sh
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical4.sh
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical3.sh
Enter number of terms:
6
Fibonacci series:
Enter how many prime numbers:
5
2
3
5
7
11
bash: syntax error near unexpected token `('
bash: $: command not found
bash: Enter: command not found
bash: 6: command not found
bash: Fibonacci: command not found
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical4.sh
Enter how many prime numbers:
5
2
3
5
7
11
hp@LAPTOP-K09E0M65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ |
```

```
ne  
created"  
  
" content:  
at  
ent" > $fname  
  
" content:  
at  
ent" >> $fname  
  
content deleted"  
id choice"
```

Alt Write Out Alt Where Is Alt Cut Alt Execute Alt Location M-U Undo M-A Set Mark M-] To Bracket M-B Previous ⌘ Back ⌘ Forward ⌘ Prev Word ⌘ Next Word
Alt Read File Alt Replace Alt Paste Alt Justify Alt Go To Line M-E Redo M-B Copy Alt Where Was M-F Next ⌘ Forward ⌘ Prev Word

MINGW64/c/Users/hp/OneDrive/Desktop/shell_practical

GNU nano 8.7 practical5.sh Modified

```
#!/bin/bash

echo "1. Create file"
echo "2. Write to file"
echo "3. Append to file"
echo "4. Delete file content"
echo "Enter your choice:"
read ch

echo "Enter filename:"
read fname
read lname

case $ch in
1)
    touch $fname
    echo "file created"
;;
2)
    echo "Enter content:"
    read content
    echo "$content" > $fname
;;
3)
    echo "Enter content:"
    read content
    echo "$content" >> $fname
;;
4)
    > $fname
    echo "file content deleted"
;;
*)
    echo "Invalid choice"
;;
esac
```

Screenshot copied to clipboard
Automatically saved to screenshots folder.

Markup and share

```
MINGW64:/c/Users/hp/OneDrive/Desktop/shell_practical
$ nano practical4.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical4.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical4.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical3.sh
Enter number of terms:
6
Fibonacci series:
Enter how many prime numbers:
5
2
3
5
7
11
bash: syntax error near unexpected token `('
bash: $: command not found
bash: Enter: command not found
bash: 6: command not found
bash: Fibonacci: command not found
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical4.sh
Enter how many prime numbers:
5
2
3
5
7
11
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ touch practical5.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ nano practical5.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ chmod +x practical5.sh
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
$ ./practical5.sh
1. Create file
2. Write to file
3. Append to file
4. Delete file content
Enter your choice:
1
Enter filename:
sarang
File created
hp@LAPTOP-K09EQM65 MINGW64 ~/OneDrive/Desktop/shell_practical (master)
```