

## Scripting problems

Write a shell script - read input from user & print palindrome or not

```
[franklinedward@Franklins-MacBook-Pro-2 Scripts % ./palindrome.sh
Enter a value to check if it's a palindrome:
nsmsn
nsmsn is a palindrome.
[franklinedward@Franklins-MacBook-Pro-2 Scripts % ./palindrome.sh
Enter a value to check if it's a palindrome:
12
12 is not a palindrome.
[franklinedward@Franklins-MacBook-Pro-2 Scripts % ./palindrome.sh
Enter a value to check if it's a palindrome:
12321
12321 is a palindrome.
[franklinedward@Franklins-MacBook-Pro-2 Scripts % ./palindrome.sh
Enter a value to check if it's a palindrome:
snmc.//.cmns
snmc.//.cmns is a palindrome.
franklinedward@Franklins-MacBook-Pro-2 Scripts %
```

Write a shell script - read input from user & generated fibonacci series

```
[franklinedward@Franklins-MacBook-Pro-2 Scripts % ./fiboacci.sh
Enter no of elements to be printed in fibonnaci serie: (n>0) 0
Invalid input, please try again.
Enter no of elements to be printed in fibonnaci serie: (n>0) s
Invalid input, please try again.
[Enter no of elements to be printed in fibonnaci serie: (n>0) .
Invalid input, please try again.
Enter no of elements to be printed in fibonnaci serie: (n>0) 1
The Fibonnaci series is : 0
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./fiboacci.sh
Enter no of elements to be printed in fibonnaci serie: (n>0) 2
The Fibonnaci series is : 0 1
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./fiboacci.sh
Enter no of elements to be printed in fibonnaci serie: (n>0) 3
The Fibonnaci series is :
0
1
1
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./fiboacci.sh
Enter no of elements to be printed in fibonnaci serie: (n>0) 10
The Fibonnaci series is :
0
1
1
2
3
5
8
13
21
34
franklinedward@Franklins-MacBook-Pro-2 Scripts %
```

Write a shell script - read input from user & check prime or not

```
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./prime.sh
Enter a number to check if its prime or not:
2
2 is a prime number
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./prime.sh
Enter a number to check if its prime or not:
10501
10501 is a prime number
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./prime.sh
Enter a number to check if its prime or not:
999
999 is not a prime number
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./prime.sh
Enter a number to check if its prime or not:
25
25 is not a prime number
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./prime.sh
Enter a number to check if its prime or not:
29
29 is a prime number
```

Write a shell script - read search string from user, check in the particular directory files content and output filename & number of occurrence in the respective file

```
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./word_count.sh
Enter a String to check its occurrence: in
Enter the directory path to check occurrence: /Users/franklinedward/Documents/Scripts/different_files
The String in in each file:
file1.txt : 13
file2.txt : 9
file3.txt : 6
files4.txt : 10
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./word_count.sh
Enter a String to check its occurrence: hello
Enter the directory path to check occurrence: /Users/franklinedward/Documents/Scripts/different_files
The String hello in each file:
file1.txt : 0
file2.txt : 0
file3.txt : 0
files4.txt : 0
franklinedward@Franklins-MacBook-Pro-2 Scripts % ./word_count.sh
Enter a String to check its occurrence: he
Enter the directory path to check occurrence: /Users/franklinedward/Documents/Scripts/different_files
The String he in each file:
file1.txt : 35
file2.txt : 31
file3.txt : 29
files4.txt : 33
franklinedward@Franklins-MacBook-Pro-2 Scripts %
```