1. Write a shell script that check is the given name is directory or file using If else.

2. Write a shell script that computes the gross salary of a employee according to the following
    a) if basic salary is <1500 then HRA 10% of the basic and DA =90% of the basic
    b) if basic salary is >1500 then HRA 50% and DA =98% of the basic
   The basic salary is entered interactively through the key board.

3. Write a shell script which reports names and sizes of all files in a directory whose size is exceeding 1000 bytes. The filename should be printed descending order of their sizes.

4. Write a shell script which displays the list of all files in the given directory

5. Write a shell script which counts the number of lines and words present in a given file?

6. Write a shell script that copies multiple files to a directory.

7. Write A Shell Script To Print The Count Of Files And Subdirectories In The Specified Directory.

8. Write a shell script to find the Fibonacci series up to given number. The number should be given as argument and you have to use functions.

9. you are given two numbers A and B and now task is to find the Greatest Common divisor (gcd) of two given number using shell scripting (By passing argument).

10. Find Least common multiple of two numbers using shell script (By passing argument) .

11. Find the numbers which are divisible by 5 from 1 to 100 using user defined Function.

12. Write a shell script program to find prime number from 20 to 70.

13. Draw special pattern in shell script.

Sample input:
3
Sample output
```
  1
 123
12345
 123
  1
```

Sample input 2:
4
Sample output :
```
   *       *
  ***    ***
 *****  *****
************
```

Sample input:
5
Sample output
```
    *
   **
  * *
 *  *
*****
```