**MIND TREE JAVA PROGRAMS**

1. Write a logic to figure out the max number of calls required to this spl to obtail an array which is sorted in ascednding order
2. You are given an integer N & start value start ,2\*N lines in the following order
3. If N=4 & start =3,then pattern

3

4 4

5 5 5

6 6 6 6

6 6 6 6

5 5 5

4 4

3

1. Write a program to print the below pattern

Ex: 3 3 3 ex: 4 4 4 4 4

3 1 3 4 4 1 4 4

3 2 3 4 4 2 4 4

3 3 3 4 4 3 4 4

4 4 4 4 4

1. Write a program to print in continues pattern

1\*2\*3\*4

5\*6\*7\*8

9\*10\*11\*12

13\*14\*15\*16

1. Find the hcf of “n” numbers
2. Rearrange the numbers using sorting techniques
3. Eliminate vowels from the any given string
4. Write a program to print a pattern

1\*2\*3\*4

9\* 10\*11\*12

13\*14\*15\*16

5\*6\*7\*8

` 10. N= user input and print N+1 line

11. Integer N = 6

  No. Of rows should                be 6 and output should be printed as

Output:

1111112

2333333

3333334

4555555

5555556

6777777

Testcase-1

2

O/p:

112

233

12. Same reflection

For e.g.: "sample", the if the reflection of the sample starts with 'p' the reflection should be "plesam" in this way we can get 6 reflections.

Two strings word1 and string word2.

The reflection of string word1 should be string word2. Testcase-1

abc , cab

Expected result:

return 1

Testcase-2

aa , ab

Expected result:

return -1

13. Questions is to write a logic for the given problem.

For example n=3 and start = 3 then output should be

3

44

555

555

44

3

Another example they given is n=5 nd start=3

3

44

555

6666

6666

555

44

3

14. Second program return all possible call of a method which takes an integer array. and v need to find how many time v should call this method to get sorted

If once a sorted is done like previous sorting order then it should return -1

Example. Array is [5, 2, 8, 11]

Then it should return 23 as output