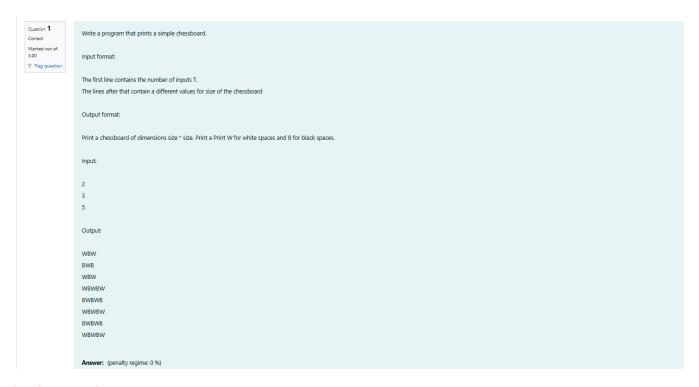
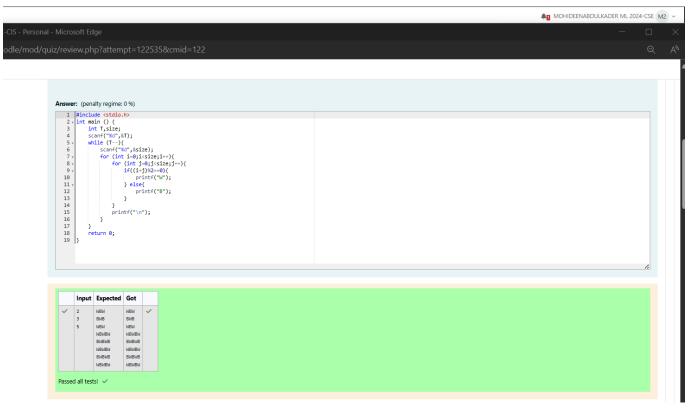
Week 5:

Practice session 01:



Coding and Output:





Coding and output:

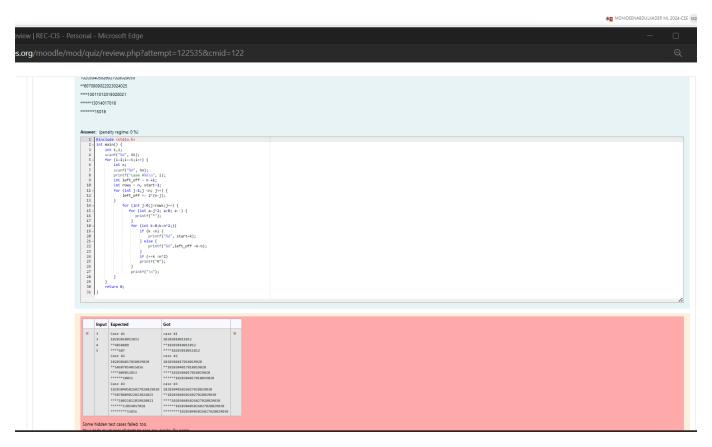


Question **3** Incorrect Decode the logic and print the Pattern that corresponds to given input. Marked out of 7.00 If N= 3 F Flag question then pattern will be: 10203010011012 **4050809 ****607 If N= 4, then pattern will be: 1020304017018019020 **50607014015016 ****809012013 *****10011 Constraints 2 <= N <= 100 Input Format First line contains T, the number of test cases Each test case contains a single integer N Output

First line print Case #i where i is the test case number

First line print Case #1 where I is the test case number In the subsequent line, print the pattern 4 5 Output Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 *****10011 Case #3 102030405026027028029030 **6070809022023024025 ****10011012019020021 *****13014017018 ******15016

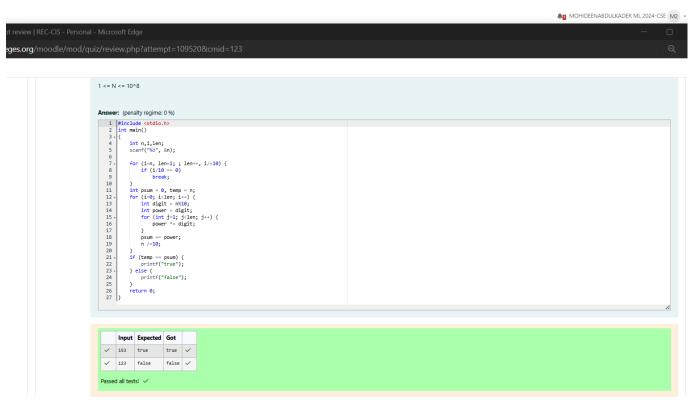
Coding and output:



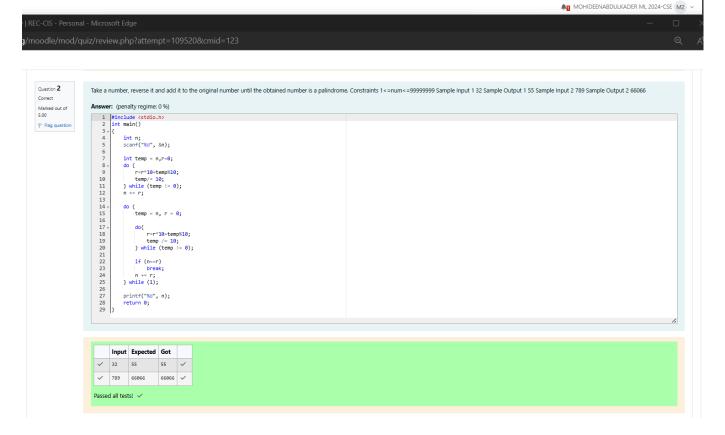
Practice session 02:

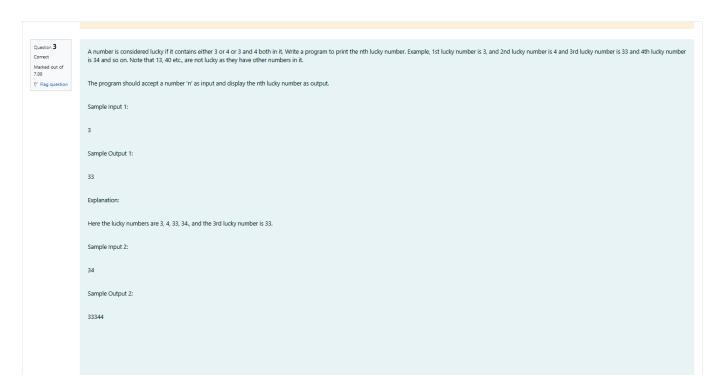
```
Question 1
Correct
Marked out of
3.00
                     The k-digit number N is an Armstrong number if and only if the k-th power of each digit sums to N.
                     Given a positive integer N, return true if and only if it is an Armstrong number.
                     Example 1:
                     153
                     Output:
                     true
                     153 is a 3-digit number, and 153 = 1^3 + 5^3 + 3^3.
                     Example 2:
                     Input:
                     123
                     Output:
                     Explanation:
                       123 is a 3-digit number, and 123 != 1^3 + 2^3 + 3^3 = 36.
                       Example 3:
                       1634
                       Output:
                       true
                       1 <= N <= 10^8
```

Code and output:



Question 2, code and output:





Coding and output:

