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Question 2
Correct
Marked out of 5.00
F Flag question
                     Let's print a chessboard!
                       Write a program that takes input:
                       The first line contains T, the number of test cases
                      Each test case contains an integer N and also the starting character of the chessboard
                      Output Format
                      Print the chessboard as per the given examples
                      Sample Input / Output
                      Input:
                      2 W
                      3 B
                      Output:
                      WB
BW
                      BWB
                       WBW
                      BWB
```

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Question 3
Correct
Marked out of 7.00
F Flag question
                      Decode the logic and print the Pattern that corresponds to given input.
                      If N= 3
                      then pattern will be :
                      10203010011012
                      **4050809
                       ****607
                      If N= 4, then pattern will be:
                      1020304017018019020
                       **50607014015016
                       ****809012013
                      *****10011
                      Constraints
                      2 <= N <= 100
                      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
                      In the subsequent line, print the pattern
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Test Case 1
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
*****10011
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
1 #include<stdio.h>
2 int main()
3 * {
    int n,v,p3,c,i
    scanf("%d",&t)
    for(ti=0;ti<t;
7 * {
                 int n,v,p3,c,in,i,i1,i2,t,ti;
scanf("%d",&t);
for(ti=0;ti<t;ti++)
{</pre>
                      v=0;
scanf("%d",&n);
printf("Case #%d\n",ti+1);
for(i=0;i<n;i++)
{
8 9 10 11 11 12 13 14 15 16 17 18 19 20 22 23 24 25 26 29 30 31 32 29 30 33 33 34 35 36 37 38 39 9 40 }
                            c=0;
if(i>0)
{
    for(i1=0;i1<i;i1++)
    printf("**");
                            print(""");
}
for(i1=i;i1<n;i1++)
{
                             {
    if(i>0)
    c++;
    printf("%d0",++v);
                              }
if(i==0)
                             {
 p3=v+(v*(v-1))+1;
 in=p3;
                              in=p3;
}
in=in-c;
p3=in;
for(i2=i;i2<n;i2++)</pre>
                             {
    printf("%d",p3++);
    if(i2!=n-1)
    printf("0");
}printf("\n");
```

WEEK 05-02

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        Status
        Finished

        Started
        Monday, 23 December 2024, 5:33 PM

        Completed
        Thursday, 28 November 2024, 10:51 AM

        Duration
        25 days 6 hours

    Question 1
Correct
Marked out of 3.00
F Flag question
                                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:
                               Input:
                               Output:
                               true
                                153 is a 3-digit number, and 153 = 1^3 + 5^3 + 3^3.
                               Example 2:
                                123
                               Output:
                               false
 Explanation:
 123 is a 3-digit number, and 123 != 1^3 + 2^3 + 3^3 = 36.
 Example 3:
 Input:
 1634
 Output:
 true
 Note:
 1 <= N <= 10^8
Answer: (penalty regime: 0 %)
                  int n;
scanf("%d",&n);
int x=0,n2=n;
while(n2>0)
                  1 n4=n3%10;
sum=sum+pow(n4,x);
n3/=10;
                 if(n==sum)
printf("true");
else
printf("false");
```

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Input Expected Got

v 153 true true v

v 123 false false v

Passed all tests! v
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Take a number, reverse it and add it to the original number until the obtained number is a palindrome. Constraints 1 < = num < = 99999999 Sample input 1 32 Sample Output 1 55 Sample input 2 789 Sample Output 2 66666

Answers: possible of the constraints of the

A number is considered lucky if it contains either 3 or 4 or 3 and 4 both in it. Write a program to print the nth lucky number. Example, 1st lucky number is 3, and 2nd lucky number is 4 and 3rd lucky number is 34 and so on. Note that 13, 40 etc., are not lucky as they have other numbers in it.

The program should accept a number 'n' as input and display the nth lucky number as output.

Sample Input 1:

3

Explanation:

Here the lucky numbers are 3, 4, 33, 34, and the 3rd lucky number is 33.

Sample Input 2:

34

Sample Output 2:

