Correct

Marked out of 3.00 ▼ Flag question



Write a program that prints a simple chessboard.

Input format:

The first line contains the number of inputs T.

The lines after that contain a different values for size of the chessboard

Output format:

Print a chessboard of dimensions size \* size. Print a Print W for white spaces and B for black

spaces. Input: 2 3 5 Output: **WBW BWB WBW WBWBW BWBWB WBWBW BWBWB WBWBW** 

### **Answer:** (penalty regime: 0 %) #include<stdio.h> 1 2 int main() 3 { 4 int T,d,i=0,i1,i 5 char c; 6 scanf("%d",&T); 7 while (i<T) 8 { 9 scanf("%d",& 10 i1=0;11 while(i1<d)</pre> 12 • { 13 0=1;14 i2=0;15 if(i1%2= 16 { 17 o=0; 18 } 19 while (i 20 { 21 c='B 22 if(i; 23 { 24 25 } 26 prin 27 i2++ 28 29 i1+=1; 30 nrintf("

		Expected	Got		
	Input	Expected			
Passe	2 3 5	WBW BWB WBWBW BWBWB WBWBW WBWBW	WBW BWB WBWBW WBWBW BWBWBW WBWBW		
Passed all tests! ~					

Question 2 Correct

Flag question

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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

2

3 B

Output:

WB

BW BWB

WBW

**BWB** 

Answer: (penalty regime: 0 %)

- Lustdia ha

```
int T,d,i,i1
               char c,s;
 5
6
7
8
               scanf("%d",&
               for(i=0;i<T;
               {
                    scanf("%
 9
                    for(i1=0
10
                    {
11
                         z=(s:
12
                         o=(i)
13
                         for(
14
                         {
15 ▼
16
17
                         }
18
                         prin
19
20
21
               return 0;
22
23
```

Incorrect

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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

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

In the subsequent line, print the pattern

**Test Case 1** 

3

3

4

5

Output

Case #1

10203010011012

\*\*4050809

\*\*\*\*607

Case #2

1020304017018019020

\*\*50607014015016

\*\*\*\*809012013

```
Case #3
 102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
*******15016
Answer: (penalty regime: 0 %)
       #include <stdio.h>
       int main() {
   3
            int n,v,p3,c,in,
   4
            scanf("%d",&t);
   5
            for (ti=0;ti<t:t</pre>
   6
                v=0;
                scanf("%d",&
   7
                printf
   8
   9
```

\*\*\*\*\*10011

Correct

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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:

153

Output: true **Explanation:** 153 is a 3-digit number, and 153 = 1^3 + 5^3 + 3^3. Example 2: Input: 123 Output: false ممنئحم واسي



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### Explanation:

123 is a 3-digit number, and 123 != 1^3 + 2^3 + 3^3 = 36.

Example 3:

Input:

1634

Output:

true

Note:

```
OO Vo 4G
1 <= N <= 10^8
```

Answer: (penalty regime: 0 %)

#include <stdio.h>

1

```
#include <math.h>
 3
     int main ()
 4
     {
 5
         int n;
 6
         scanf("%d",&n);
 7
         int x=0, n2=n;
 8
         while (n2!=0)
 9
     {
10
         X++;
11
         n2=n2/10;
12
     }
    int sum=0;
13
    int n3=n,n4;
14
15
    while (n3!=0)
16
    {
17
         n4=n3%10;
18
         sum=sum+pow(n4,x)
19
         n3=n3/10;
20
    }
```

if (n==sum){

printf("true");

printf("false");

21

22

23

24

25

}

else{

	Input	Expected	Got
~	153	true	true
<b>~</b>	123	false	false

Passed all tests! <

Question 2

Correct

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Flag question

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

# **Answer:** (penalty regime: 0 %)

Output 2 66066

<pre>#include<stdio.h></stdio.h></pre>
<pre>int main()</pre>
{
<pre>int rn,n,nt=0,i=0</pre>
scanf("%d",&n);
do{
nt=n;rn=0;
while(n!=0)
{
rn=rn*10
n=n/10;
}
n=nt+rn;
i++;
}
while(rn!=nt  i=
<pre>printf ("%d",rn);</pre>
return 0;
i cturri o,
}

	Input	Expected	Got		
~	32	55	55		
~	789	66066	66066		
Passed all tests! ✓					

Correct

Marked out of 7.00



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 4th 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

Sample Output 1:

33

**Explanation:** 

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

```
Sample Input 2:
34
Sample Output 2:
33344
Answer: (penalty regime: 0 %)
        #include <stdio.h>
   2
3
4
5
6
7
        int main()
        {
             int n=1,i=0,nt,c
             scanf("%d",&e);
            while (i<e)
             {
    8
                 nt=n;
    9
                 while(nt!=0)
```

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