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:
NATIONAL CONTRACTOR OF THE PROPERTY OF THE PRO
WBW
BWB WBW
WBWBW
BWBWB
WBWBW
BWBWB
WBWBW
Annual (see although) and (see although)
Answer: (penalty regime: 0 %)

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 v int main(){
 3
        int t;
 4
        scanf("%d",&t);
 5 ,
        while(t-->0){
            int a;
 6
            scanf("%d",&a);
 8 ,
            for(int i=1;i<=a;i++){</pre>
                 for(int j=1;j<=a;j++){</pre>
 9 ,
                     if(((i%2==0)&&(j%2==0))||((i%2==1)&&(j%2==1))){
10 -
11
                         printf("%c",'W');
                     }else{
12 ,
                         printf("%c",'B');
13
14
15
                     }
16
17
                 printf("\n");
18
19
20
21
        return 0;
22 }
```

	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	

Passed all tests! <

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
2 W
3 B
Output:
WB
BW
BWB
WBW
BWB
Answer: (penalty regime: 0 %)

	Input	Expected	Got	
~	2	WB	WB	~
	2 W	BW	BW	
	3 B	BWB	BWB	
		WBW	WBW	
		BWB	BWB	

Passed all tests! <

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

Test Case 1
3
3
4
5
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
*****10011
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
Anguary (populty regimes 0.0%)
Answer: (penalty regime: 0 %)

	Input	Expected	Got	
V	3	Case #1	Case #1	V
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	5	****607	****607	
		Case #2	Case #2	
		1020304017018019020	1020304017018019020	
		**50607014015016	**50607014015016	
		****809012013	****809012013	
		*****10011	*****10011	
		Case #3	Case #3	
		102030405026027028029030	102030405026027028029030	
		**6070809022023024025	**6070809022023024025	
		****10011012019020021	****10011012019020021	
		*****13014017018	******13014017018	
		*******15016	*******15016	

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: question for future reference
153
Output:
true
Explanation:
153 is a 3-digit number, and 153 = 1^3 + 5^3 + 3^3.
Example 2:
Input:
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

#include<stdio.h> #include<stdio.h> #include<math.h> 3 vint main(){ int a,count=0,sum=0; scanf("%d",\$a); int n-a; vint n-a; while(n!=0){ count ++; n/=10; Answer: (penalty regime: 0 %) 10 11 12 13 14 15 16 17 18 } int c=a; while(c>0){ int m=c%10; sum+=pow(m,count); } if(sum==a){ 19 20 21 22 printf("true"); printf("false"); 23 24 25 26 27 28 } } return 0;

	Input	Expected	Got	
~	153	true	true	~
~	123	false	false	~

Passed all tests! ✓

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 66066

Answer: (penalty regime: 0 %)

```
sum-a;
rev=0;
while(a>0){
   int m=a%10;
   rev=(rev*10)+m;
   a/=10;
               a=sum*rev;
i++;
}while(rev!=sum||i==1);
printf("%d",rev);
return 0;
```

	Input	Expected	Got	
~	32	55	55	~
~	789	66866	66066	~

Passed all tests! 🗸

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 33 and 4th lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 33 and 4th lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 34 and 30 in lucky numbe

Answer: (penalty regime: 0 %)

Sample Output 2:

33344

```
| minclude(stdio.h)
| int main(){
| int n,valid=0,i=0,a=1,temp;
| scanf("%d",an){
| temp=a;
| while(temp>0){
| valid=0;
| if(temp/sile=3&stempk10!=4){
| valid=1;
| break;
| }
| temp/=10;
| temp/=10;
| if(valid==0){
| i++;
| }
| if(valid==0){
| i++;
| }
| printf("%d",--a);
| return 0;
```

Inpu	out Expected	Got	
✓ 34	33344	33344	~
Passed all te	tests! ✓		