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 %)

```c
#include<stdio.h>
int main()
{
    int T;
    scanf("%d",&T);
    for(int t=0;t<T;t++){
        int size;
        scanf("%d",&size);
        for(int i=0;i<size;i++) {
            for(int j=0;j<size;j++) {
                if((i+j)%2 == 0) {
                    printf("W");
                }else{
                    printf("B");
                }
            }
            printf("\n");
        }
    }
    return 0;
}
```

	Input	Expected	Got	
✓	2 3 5	WBW BWB WBW WBWBW BWBWB WBWBW BWBWB WBWBW	WBW BWB WBW WBWBW BWBWB WBWBW BWBWB 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 %)

```c
#include<stdio.h>
int main()
{
    int T;
    scanf("%d",&T);
    for(int t=0;t<T;t++) {
        int N;
        char start;
        scanf("%d %c",&N,&start);
        char alt=(start == 'W') ? 'B' : 'W';
        for(int i=0;i<N;i++){
            for(int j=0;j<N;j++) {
                if((i+j)%2 == 0) {
                    printf("%c",start);
                } else{
                    printf("%c",alt);
                }
            }
            printf("\n");
        }
    }
    return 0;
}
```

	Input	Expected	Got	
✓	2 2 W 3 B	WB BW BWB WBW BWB	WB BW BWB WBW 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
4
5

Output

Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016

****809012013

******10011

Case #3

10203040502602702802903O

**607080902202302402S

****1001101201902002I

******13014017018

********15016

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int n,v,p3,c,in,i,i1,i2,t,ti;
    scanf("%d",&t);
    for(ti=0;ti<t;ti++) {
        v=0;
        scanf("%d",&n);
        printf("Case #%d\n",ti+1);
        for(i=0;i<n;i++) {
            c=0;
            if(i>0) {
                for(i1=0;i1<i;i1++)  printf("**");
            }
            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 = in-c;
            p3 = in;
            for(i2=i;i2<n;i2++){
                printf("%d",p3++);
                if(i2!=n-1) printf("0");
            }printf("\n");
        }
    }
}
```

	Input	Expected	Got	
✓	3 3 4 5	Case #1 10203010011012 **4050809 ****607 Case #2 10203040170180190020 **5060701401501 6 ****809012013 ******10011 Case #3 10203040502602702802903O **607080902202302402S ****1001101201902002I ******13014017018 ********15016	Case #1 10203010011012 **4050809 ****607 Case #2 10203040170180190020 **5060701401501 6 ****809012013 ******10011 Case #3 10203040502602702802903O **607080902202302402S ****1001101201902002I ******13014017018 ********15016	✓

Passed all tests! ✓