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

```c
#include<stdio.h>
int main(){
    int t;
    scanf("%d",&t);
    while(t--)
    {
        int n;
        scanf("%d",&n);
        for(int i=0;i<n;i++)
        {
            for(int j=0;j<n;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

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

```c
#include<stdio.h>
int main(){
    int t,i;
    scanf("%d",&t);
    for(int x=1;x<=t;x++)
    {
        printf("Case #%d\n",x);
        int n;
        scanf("%d",&n);
        int f=1,b=n*(n+1);
        for(i=0;i<n;i++)
        {
            for(int k=0;k< 2*i;k++){
            printf("*");
            }
        printf("%d",f);
        f++;
        for(int j=2;j<=n-i;j++)
        {
            printf("0%d",f);
            f++;

        }
        for(int l=b - (n-i)+1;l<=b;l++)
        {
            printf("0%d",l);
        }
        b-=n-i;
        printf("\n");


```

```
32
33        }
34
35      }    return 0;
36  }
37
```

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

Passed all tests! ✓