Write a program that prints a simple chessboard.		
Input format:		
The first line contains at	i,	
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:		
in the state of th		
2		
3		
5		
Out-us.		
Output:		
WBW		
BWB	• *	
WBW	angle (See	
WBWBW		
BWBWB	·	
WBWBW		
BWBWB		

WBWBW

```
#include<stdio.h>
    int main()
        int T,d:
        scanf("%d",&T);
        while(T--)
 8
             scanf("%d",&d);
9
             for(int i=0;i<d;i++)
10 .
11
                 for(int j=0; j<d; j++)</pre>
12 -
13
                      if((i+j)\%2==0)
14 .
15
                      printf("W");
16
17
18
                      else
19 •
20
                      printf("B");
21
22
23
                 printf("\n");
24
25
26
```

	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
	THE REAL PROPERTY.	WBWBW	WBWBW	

Write a program th	at takes input:		
The first line conta	ins T, the number of test cases ntains an integer N and also the starting character of the chessbo	oard	
Output Format			
Print the chessboa	ard as per the given examples		
Sample Input / Out	tput	43	
Input:			
2 2 W			
3 B			
Output:			
WB			
BWB			a
WBW BWB			

```
Answer: (penalty regime: 0 %)
       #include<stdio.h>
       int main()
           int T;
           scanf("%d",&T);
    6
            while(T--)
                int N;
                char S;
   10
                scanf("%d %c",&N,&S);
   11
                char first=S;
   12
                char secondchar=(S=='B')?'W':'B';
   13
                for(int i=0;i<N;i++)</pre>
   14 •
   15
                    for(int j=0; j<N; j++)
   16 •
   17
                         if((i+j)\%2==0)
   18 •
   19
                             printf("%c",first);
   20
   21
                         else
   22 +
   23
                             printf("%c", secondchar);
   24
   25
                     printf("\n");
   26
   27
   28
   29
```

	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 correspond	s to given input.
If N= 3	
II 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 5 Output Case #1 10203010011012 **4050809 ****607 Case #2 1020304017018019020 **50607014015016 ****809012013 *****10011 Case #3 102030405026027028029030 **6070809022023024025 ****10011012019020021

*****13014017018

```
Answer: (penalty regime: 0 %)
     #include<stdio.h>
   2
      int main()
   3 •
   4
          int t,n,x,y,z=1,i,ans,c;
   5
           scanf("%d",&t);
   6
          while(z<=t)
   7.
               scanf("%d",&n);
   8
               printf("Case #%d\n",z);
   9
  10
               y=1;
  11
               i=1;
  12
               c=0;
  13
               while(y<=n)
  14 .
               {
  15
                    x=1;
  16
                    ans=(n*n);
  17
                    ans=ans-c;
  18
                    while(x <= 2*n)
  19 .
                        if(x \le n)
  20
  21 .
                         {
  22
                             if(x<y)
  23 •
                                 printf("**");
  24
  25
   26
                             else if(x<=n)
   27 .
   28
                                   printf("%d",i*10);
   29
                                      i++;
   30
   31
                         }
   32
                         else
   33
   34 .
                             if((x+y)==(2*n+1))
   35
   36 .
                                  printf("%d",(ans+y));
   37
   38
                                  ans++;
   39
                                  C++;
   40
                             else if(x+y <= (2*n+1))
   41
   42 .
                                  printf("%d",(ans+y)*10);
   43
```

```
32
33
                      else
34 •
35
                          if((x+y)==(2*n+1))
36 +
37
                              printf("%d",(ans+y));
38
                               ans++;
39
                               C++;
40
41
                          else if(x+y <= (2*n+1))
42 •
43
                              printf("%d",(ans+y)*10);
44
                               ans++;
45
                               C++;
46
47
48
49
                         X++;
50
51
                  y++;
52
                 printf("\n");
53
54
                  Z++;
55
56
             return 0;
57
```

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	Input	Expected	Got
/	3	Case #1	Case #1
	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

Passed all tests! 🗸