

## Simple Chessboard

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

Code :

```
import java.util.*;

class Main{
    public static void main(String[] args){
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();

        for(int i = 1 ; i <= n ; i++ ){
            sc.nextLine();
            int k = sc.nextInt();
            printBoard(k);
        }
    }
}
```

```
    }  
    sc.close();  
}
```

```
static void printBoard(int k){  
    for(int i = 1 ; i <= k ; i++){  
        for(int j = 1 ; j <= k ; j++){  
            if(i%2 == 0 && j%2 == 0 ) System.out.print("W");  
            else if(i%2 == 0 && j%2 != 0 ) System.out.print("B");  
            else if(i%2 != 0 && j%2 == 0 ) System.out.print("B");  
            else if(i%2 != 0 && j%2 != 0 ) System.out.print("W");  
        }  
        System.out.println();  
    }  
}
```