

Status	Finished
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Question **1**

Correct

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 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     int size,i,j,count;
6     char ch,first,second;
7     scanf("%d",&n);
8     while(n--){
9         scanf("%d",&size);
10        scanf("%c",&ch);
11        if(ch=='W'){
12            first='W';
13            second='B';
14        }
15        else{
16            first='B';
17            second='W';
18        }
19        count=0;
20        while(count<size){
21            for(j=0;j<size;j++){
22                printf("%c",first);
23            }
24            printf("\n");
25            count++;
26        }
27    }
28 }
```

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

Passed all tests! ✔

Question **2**

Correct

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 %)

```
1 #include<stdio.h>
2 int main(){
3     int t;
4     scanf("%d",&t);
5     while(t--){
6         int n,i,j;
7         char other,start;
8         scanf("%d %c",&n,&start);
9         other=(start=='W')?'B':'W';
10        for(i=0;i<n;i++){
11            for(j=0;j<n;j++){
12                if((i+j)%2==0)
13                    printf("%c",start);
14                else
15                    printf("%c",other);
16            }
17        }
```

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

Passed all tests! ✓

Question **3**

Correct

Problem Statement:

In a small coding competition, participants are to be grouped into teams of three members, each member. The rule of the competition states that no member can repeat within the same team.

Write a program to display all possible unique team combinations that can be formed using the members.

Sample Output:

1 2 3

1 3 2

2 1 3

2 3 1

3 1 2

3 2 1

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main(){
3     int i, j, k;
4     for(i=1;i<=3;i++){
5         for(j=1;j<=3;j++){
6             for(k=1;k<=3;k++){
7                 if(i !=j&&j !=k&&i !=k){
8                     printf("%d %d %d\n",i,j,k);
9                 }
10            }
11        }
12    }
13    return 0;
14 }
```

	Expected	Got	
✓	1 2 3 1 3 2 2 1 3	1 2 3 1 3 2 2 1 3	✓

	Expected	Got	
	2 3 1	2 3 1	
	3 1 2	3 1 2	
	3 2 1	3 2 1	

Passed all tests! 