

<b>Status</b>	Finished
<b>Started</b>	Tuesday, 4 November 2025, 4:35 PM
<b>Completed</b>	Tuesday, 4 November 2025, 5:51 PM
<b>Duration</b>	1 hour 15 mins

**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 different values for size of the chessboard

Output format:

Print a chessboard of dimensions size \* size. 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,size,i,j,count;
5     scanf("%d",&n);
6     while(n--)
7     {
8         scanf("%d",&size);
9         count=0;
10        for(i=0;i<size;i++)
11        {
12            if(count%2==0)
13                printf("W");
14            else
15                printf("B");
16            count++;
17        }
18    }
19 }
```

```
12
13 v
14     for(j=0; j<size; j++)
15     {
16         if(++count%2==1)
17             printf("W");
18         else
19             printf("B");
20         if(size%2==0)
21             count++;
22         printf("\n");
23     }
24 }
```

	Input	Expected	Got	
✓	2	WBW	WBW	✓
	3	BWB	BWB	
	5	WBW WBWBW BWBWB WBWBW BWBWB WBWBW	WBW WBWBW BWBWB WBWBW BWBWB 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,d,i,i1,i2,o,z;
4     char c,s;
5     scanf("%d",&T);
6     for(i=0;i<T;i++){
7         scanf("%d %c",&d,&s);
8         for(i1=0;i1<d;i1++){
9             z=(s=='W') ? 0:1;
10            o=(i1%2==z) ? 0:1;
11            for(i2=0;i2<d;i2++){
12                c=(i2%2==o) ? 'W' : 'B';
13                printf("%c",c);}
```

```
14 }  
15 }  
16 }  
17 }  
18 }
```

	<b>Input</b>	<b>Expected</b>	<b>Got</b>	
✓	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 represented by a number — 1, 2, and 3.

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 1, 2, and 3 without repetition.

**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 }
```



	<b>Expected</b>	<b>Got</b>	
✓	1 2 3	1 2 3	✓
	1 3 2	1 3 2	
	2 1 3	2 1 3	
	2 3 1	2 3 1	
	3 1 2	3 1 2	
	3 2 1	3 2 1	

Passed all tests! ✓