

<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 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,size,i,j,count;
5      scanf("%d",&n);
6      while(n-->0)
7      {
8          scanf("%d",&size);
9          count=0;
10         for(i=0;i<size;i++)
11         {
12             for(j=0;j<size;j++)
13             {
```

```

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

```



	Input	Expected	Got	
✓	2	WBW	WBW	✓
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		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,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     printf("\n");  
16 }  
17 }  
18 }
```

	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 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 }
```



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

Passed all tests! ✓