

<b>Status</b>	Finished
<b>Started</b>	Sunday, 2 November 2025, 10:14 AM
<b>Completed</b>	Sunday, 2 November 2025, 10:33 AM
<b>Duration</b>	19 mins 16 secs

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 t,n;
5      scanf("%d",&t);
6      for(int i=0;i<t;i++)
7      {
8          scanf("%d",&n);
9          for(int j=0;j<n;j++)
10         {
11             for(int k=0;k<n;k++)
12             {
13                 if((j+k)%2==0)
14                     printf("W");
15                 else
```

```
16         printf("B");
17     }
18     printf("\n");
19 }
20 }
21 return 0;
22 }
```



	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  {
4      int t,n;
5      char ch;
6      scanf("%d",&t);
7      for(int k=0;k<t;k++)
8      {
9          scanf("%d %c",&n,&ch);
10         for(int i=0;i<n;i++)
11         {
12             for(int j=0;j<n;j++)
13             {
14                 if((i+j)%2==0)
15                     printf("%c",ch);
16                 else
17                     printf("%c",ch);
```

```
17         printf( "%c", (ch == 'W') ? 'B' : 'W' );
18     }
19     printf("\n");
20 }
21 }
22 return 0;
23 }
```



	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  {
4      int i,j,k;
5      for(i=1;i<=3;i++)
6      {
7          for(j=1;j<=3;j++)
8          {
9              for(k=1;k<=3;k++)
10             {
11                 if(i!=j && j!=k && i!=k)
12                     printf("%d %d %d\n",i,j,k);
13             }
14         }
15     }
16     return 0;
17 }
```

	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! ✓