

Status	Finished
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Duration	31 mins 19 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      int T;
4      scanf("%d",&T);
5      while(T--){
6          int size;
7          scanf("%d",&size);
8          for(int i=0;i<size;i++){
9              for(int j=0;j<size;j++){
10                 if((i+j)%2==0)
11                     printf("W");
12                 else
13                     printf("B");
14                 printf("\n");
15             }
16         }
17     }
```

```
12         else
13             printf("B");
14         }
15         printf("\n");
16     }
17 }
18 return 0;
19 }
```

	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;
4      scanf("%d",&T);
5
6      while(T--){
7          int N;
8          char start;
9          scanf("%d %c",&N,&start);
10
11         for(int i=0;i<N;i++){
12             for(int j=0;j<N;j++){
13                 if((i+j)%2==0)
```

```
14         printf("%c",start);
15     else
16         printf("%c",(start == 'W'? 'B':'W'));
17
18     }
19     printf("\n");
20 }
21
22 }
23 return 0;
24 }
```

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