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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 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            for (j = 0; j<size; j++)
13            {
14                if(++count%2 == 1)
15                    printf("W");
16            }
17        }
18    }
19 }
```

```
16 | else
17 | printf("B");
18 |
19 | if (size%2 == 0)
20 | count++;
21 | printf("\n");
22 |
23 |
24 |}
```



	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 n;
5     int size, i, j, count;
6     char ch, first, second;
7     scanf("%d", &n);
8     while(n--)
9     {
10        scanf("%d", &size);
11        scanf(" %c", &ch);
12        if(ch == 'W'){
13            first = 'W';
14            second = 'B';
15        }
16    }
```

```
17
18     first = 'B';
19     second ='W';
20
21 }
22 count = 0;
23 for (i=0; i< size; i++)
24 {
25     for(j = 0; j<size; j++)
26     {
27         if((i + j)%2 == 0)
28         {
29             printf("%c", first);
30         }
31         else
32         {
33             printf("%c", second);
34         }
35     }
36
37 }
38 if(size%2 == 0)
39 count++;
40 printf("\n");
41 }
42 }
43 }
```

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

Passed all tests! ✓

Question 3

Incorrect

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 members[] = {1,2,3};
4     int n = sizeof(members)/sizeof(members[0]);
5
6     for (int i = 0; i < n; i++){
7         for (int j = 0; j < n; j++){
8             for (int k = 0; k < n; k++){
9
10                 printf("%d%d%d\n", members[i], members[j], members[k])
11
12             }
13         }
14     }
15 }
16 return 0;
17 }
```

**Syntax Error(s)**

```
_tester_.c: In function 'main':
 _tester_.c:10:59: error: expected ')' before '{' token
```

```
10 |
|
|
|
|_tester__.c:10:32: error: format ‘%d’ expects argument of type ‘int’, but argument
10 |         printf("%d%d%d\n", members[i], members{j}, members[k]);
|           ~^                                     ^
|           |                                     ~~~~~~
|           int                                int *
|           %ls
|_tester__.c:10:34: error: format ‘%d’ expects a matching ‘int’ argument [-Werror=f
10 |         printf("%d%d%d\n", members[i], members{j}, members[k]);
|           ~^
|           |
|           int
|
|_tester__.c: At top level:
|_tester__.c:16:5: error: expected identifier or ‘(’ before ‘return’
16 |     return 0;
|     ^~~~~~
|_tester__.c:17:1: error: expected identifier or ‘(’ before ‘}’ token
17 | }
| ^
cc1: all warnings being treated as errors
```