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| Status | Finished |
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| Completed | Monday, 3 November 2025, 3:36 PM |
| Duration | 48 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 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 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  else{
18      first = 'B';
19      second = 'W';
20
21  }
22  count = 0;
23  for (i=0; i< size; i++)
24
25  {
26      for(j = 0; j<size; j++)
27      {
28          if((i + j)%2 == 0)
29          {
30              printf("%c", first);
31          }
32          else
33          {
34              printf("%c", second);
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 |           printf("%d%d%d\n", members[i], members[j], members[k]);
    |           ~               ^
    |           )
__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

```