

Status	Finished
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Duration	13 mins 20 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
3  int main ()
4  {
5      int s,i,j;
6      int t;
7      scanf("%d",&t);
8      while(t-->0)
9      {
10         scanf("%d",&s);
11         for(i=0;i<s;i++)
12             for(j=0;j<s;j++)
```

```
12 1
13   for(j=0;j<s;j++)
14   {
15       if((i+j)%2==0)
16       {
17           printf("W");
18       }
19       else
20       {
21           printf("B");
22       }
23   }
24   printf("\n");
25 }
26 }
27 return 0;
28 }
29 }
```

	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
3  int main ()
4  {
5      int t,n,i,j;
6      char s;
7      scanf("%d",&t);
8      while(t-->0)
9      {
10         scanf("%d %c",&n,&s);
11         char ch=(s=='W')?'B':'W';
12         for(i=0;i<n;i++)
13         {
```

```
14         for(j=0;j<n;j++)
15     {
16         if((i+j)%2==0)
17     {
18         printf("%c",s);
19     }
20     else
21     {
22         printf("%c",ch);
23     }
24     }
25     printf("\n");
26 }
27 }
28 return 0;
29 }
```

	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
3  int main ()
4  {
5      int i,j,k;
6      for(i=1;i<=3;i++)
7      {
8          for(j=1;j<=3;j++)
9          {
10             for(k=1;k<=3;k++)
11             {
12                 if(i!=j&&j!=k&&i!=k)
13                 {
14                     printf("%d %d %d\n",i,j,k);
15                 }
16             }
17         }
18     }
19     return 0;
20 }
```



	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! ✓