


Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Tuesday, 3 December 2024, 1:21 PM
Duration	20 days 4 hours

Question **1**

Correct

Marked out of 3.00

 Flag question

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,d,i=0,i1,i2,o;
5  char c;
6  scanf("%d",&T);
7  while(i<T)
8  {
9  scanf("%d",&d);
10 i1=0;
11 while(i1<d)
12 {
13     o=1;
14     i2=0;
15     if(i1%2==0)
16     {
17         o=0;
18     }
19     while(i2<d)
20     {
21         c='B';
22         if(i2%2==o)
23         {
24             c='W';
25         }
```

```

26         printf("%c",c);
27         i2++;
28     }
29     i1+=1;
30     printf("\n");
31 }
32 i=i+1;
33 }
34 }
35

```

	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

Marked out of
5.00

 Flag question

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,d ,i,i1,i2,o,Z;
5      char c,s;
6      scanf("%d",&T);
7      for(i=0;i<T;i++)
8      {
9          scanf("%d %c",&d,&s);
10
11          for(i1=0;i1<d;i1++)
12          {
13              Z=(s=='W')? 0:1;
14              o=(i1%2==Z)? 0:1;
15              for(i2=0;i2<d;i2++)
16              {
17                  c=(i2%2==o)? 'W':'B';
18                  printf("%C",c);
19              }
20              printf("\n");
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**

Incorrect

Marked out of
7.00

 [Flag question](#)

Decode the logic and print the Pattern that corresponds to given input.

If $N = 3$

then pattern will be :

10203010011012

**4050809

****607

If $N = 4$, then pattern will be:

1020304017018019020

**50607014015016

****809012013

*****10011

Constraints

$2 \leq N \leq 100$

Input Format

First line contains T , the number of test cases

Each test case contains a single integer N

Input Format

First line contains T, the number of test cases

Each test case contains a single integer N

Output

First line print Case #i where i is the test case number

In the subsequent line, print the pattern

Test Case 1

3

3

4

5

Output

Case #1

10203010011012

**4050809

****607

Case #2

1020304017018019020

**50607014015016

****809012013

*****10011

Case #3

102030405026027028029030

**6070809022023024025

****10011012019020021

*****13014017018

*****15016

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3
4 {
5     int n,v,p3,c,in,i,i1,i2,t,ti;
6     scanf("%d",&t);
7     for(ti=0;ti<t;ti++)
8     {
9         v=0;
10        scanf("%d",&n);
11        printf("Case #%d\n",ti+1);
12        for(i=0;i<n;i++)
13        {
14            c=0;
15            if(i>0)
16            {
17                for(i1=0;i1<i;i1++) printf("***");
18            }
19            for(i1=1;i1<n;i1++){
20                if(i>0) c++;
21                printf("%d0",++v);
22            }
23            if(i==0){
24                p3=v+(v*(v-1))+1;
25                in=p3;
26            }
27            in=in-c;
28            p3=in;
29            for(i2=i;i2<n;i2++){
30                printf("%d",p3++);
31                if(i2!=n-1) printf("0");
32            }printf("\n");
33        }
34    }
35 }
36
```

	Input	Expected	Got	
✗	3	Case #1	Case #1	✗
	3	10203010011012	102050607	
	4	**4050809	**3040304	
	5	****607	****50601	
		Case #2	Case #2	
		1020304017018019020	10203010011012013	
		**50607014015016	**40506070809	
		****809012013	****708090405	
		*****10011	*****1001101201	
		Case #3	Case #3	
		102030405026027028029030	1020304017018019020021	
		**6070809022023024025	**5060708013014015016	
		****10011012019020021	****901001101209010011	
		*****13014017018	*****130140150160506	
		*****15016	*****1701801902001	

Some hidden test cases failed, too.

Your code must pass all tests to earn any marks. Try again.

Show differences