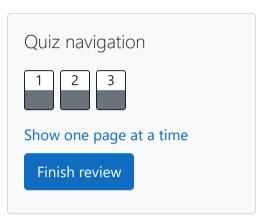
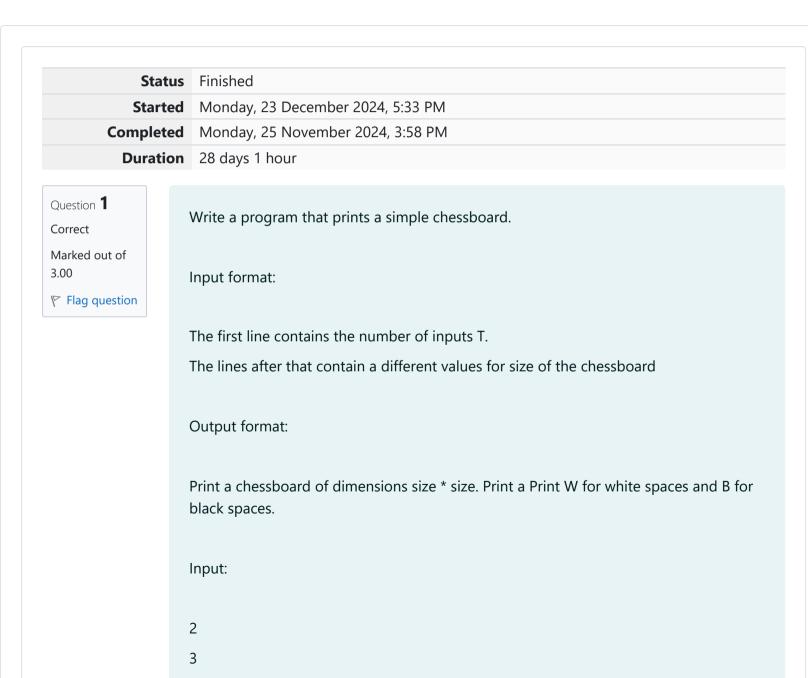
GE23131-Programming Using C-2024





BWB WBW **WBWBW BWBWB WBWBW BWBWB WBWBW Answer:** (penalty regime: 0 %) 1 #include<stdio.h> 2 int main() 3 🔻 int t,size,i,j; scanf("%d",&t); while(t>0) 7 🔻 scanf("%d",&size); 8 9 for(i=0;i<size;i++)</pre> 10 1 11 for(j=0;j<size;j++)</pre> 12 🔻 13 if((i+j)%2==0) 14 🔻 printf("W"); 15 16 else 17 18 🔻 printf("B"); 19 20

Output:

WBW

	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:

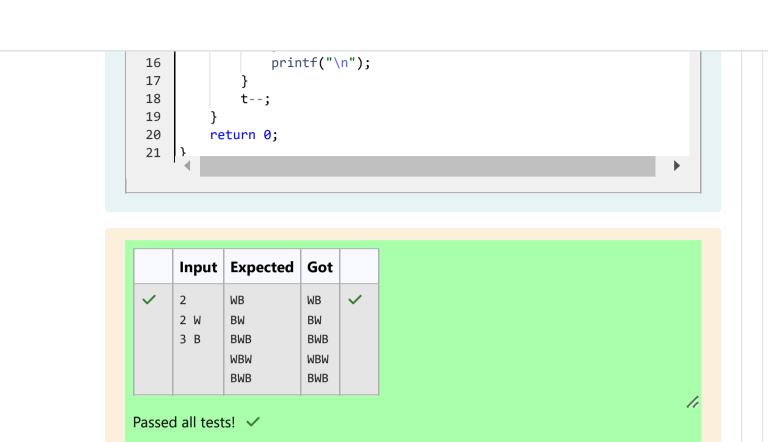
The first line contains T, the number of test cases

Each test case contains an integer N and also the starting character of the chessboard

Output Format

```
Input:
2
2 W
3 B
Output:
WB
BW
BWB
WBW
BWB
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
      int main()
    2
    3 ₹ {
           int t,n,i,j;
           char start;
           scanf("%d",&t);
           while(t>0)
    8 🔻
               scanf("%d %c",&n,&start);
    9
               for(i=0;i<n;i++)</pre>
  10
   11 🔻
  12
                   for(j=0;j<n;j++)</pre>
```

Sample Input / Output



Question **3**Correct
Marked out of

7.00

Flag question

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

then pattern will be:

10203010011012

**4050809

****607

1020304017018019020

**50607014015016

****809012013

*****10011

Constraints

2 <= N <= 100

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

```
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 v int main(){
           int n,v,p3,c,in,i,i1,i2,t,ti;
           scanf("%d",&t);
           for(ti=0;ti<t;ti++){</pre>
               scanf("%d",&n);
```

```
if(i>0){
11 🔻
                     for(i1=0;i1<i;i1++) printf("**");</pre>
12
13
14 ▼
             for(i1=i;i1<n;i1++){</pre>
15
                 if(i>0) c++;
                 printf("%d0",++v);
16
17
18 🔻
             if(i==0){
19
                 p3=v+(v*(v-1))+1;
                 in=p3;
20
21
22
             in=in-c;
23
             p3=in;
24 ▼
             for(i2=i;i2<n;i2++){</pre>
                 printf("%d",p3++);
25
26
                 if(i2!=n-1) printf("0");
27
             }printf("\n");
28
29
30
```

	Input	Expected	Got		
~	3	Case #1	Case #1	~	
	3	10203010011012	10203010011012		
	4	**4050809	**4050809		
	5	****607	****607		
		Case #2	Case #2		
		1020304017018019020	1020304017018019020		
		**50607014015016	**50607014015016		
		****809012013	****809012013		
		*****10011	*****10011		
		Case #3	Case #3		
		102030405026027028029030	102030405026027028029030		
		**6070809022023024025	**6070809022023024025		
		****10011012019020021	****10011012019020021		

