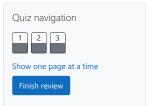
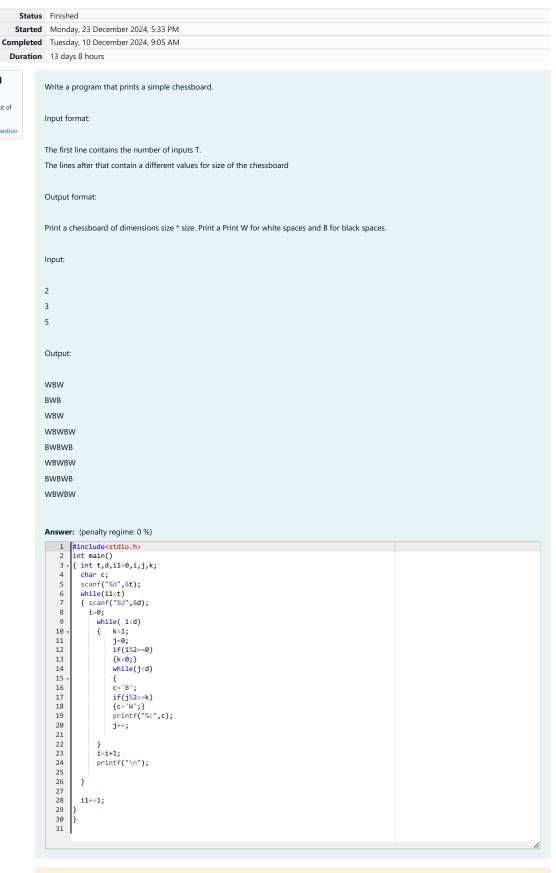
GE23131-Programming Using C-2024

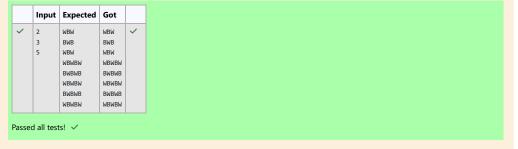
Question 1

▼ Flag question

Correct Marked out of 3.00







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>
                    #include<stdio.h>
int main()

{ int t,d,i1,i,j,k,z;
    char c,s;
    scanf("%d",%t);
    for(i1=0;i1<t;i1++)
    { scanf("%d %c",%d,%s);
    for(i=0;i<d;i++)
    { z=(s=='W') ?0:1;
        k=(i%z==z) ?0:1;
        for(j=0;j<d;j++)
        { c=(j%z==k) ? 'W':'B';
        printf("%c",c);
    }</pre>
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
                                                   printf("\n");
```

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

Passed all tests! ✓

Question $\boldsymbol{3}$ Correct 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 <= 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
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
*****10011
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
Answer: (penalty regime: 0 %)
     1 #include<stdio.h>
        #Include<std10.h>
int main()

{ int n,v,p,c,in,i1,i,j,t,s;
    scanf("%d",%t);
    for(s=0;s<t;s++)

{ v=0;
        scanf("%d",%n);
        printf("Case #%d\n",s+1);
        for(i1=0;i1<n;i1++)
        { c=0;
    }
}</pre>
                { c=0;
if(i1>0)
                    {
    for(i=0; i<i1;i++) printf("**");
}
```

```
10 · 11 12 13 14 15 16 16 17 18 19 20 · 21 22 23 24 25 26 27 28 29 30 31 31 32 } 33 }
                                    for(i=i1;i<n;i++)
{ if(i1>0) c++;
  printf("%d0",++v);
}
if(i1==0)
                                               p=v+(v*(v-1))+1;
in=p;
                                      }
in=in-c;
                                      ln=in-c;
p=in;
for(j=i1;j<n;j++)
{printf("%d",p++);
if(j!=n-1) printf("0");
                                       printf("\n");
```

	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	

Passed all tests! 🗸