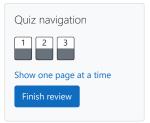
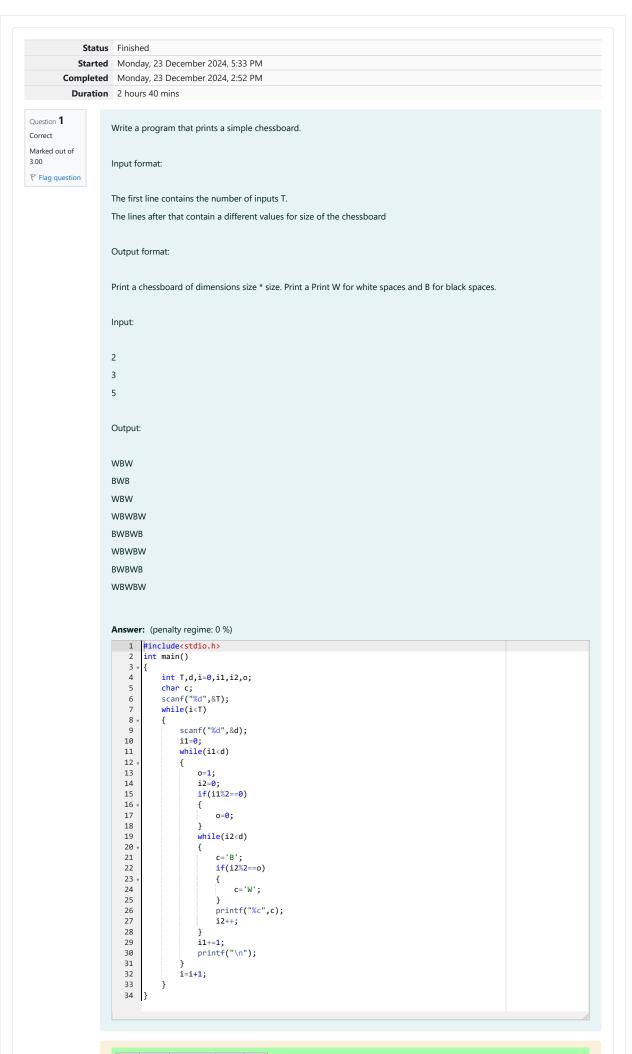
GE23131-Programming Using C-2024





	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	

Question **2**Correct
Marked out of 5.00

Flag question

Let's print a chessboard!

Passed all tests! ✓

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 %)

```
#include<stdio.h>
      int main()
 3 1
            int T,d,i,i1,i2,o,z;
char c,s;
scanf("%d",&T);
for(i=0;i<T;i++)</pre>
 4
 5
 6
 8
                  scanf("%d %c",&d,&s);
for(i1=0;i1<d;i1++)</pre>
 9
10
11
                        z=(s=='W')?0:1;
o=(i1%2==z)?0:1;
12
13
14
                        for(i2=0;i2<d;i2++)
15
                              c=(i2%2==o)?'W':'B';
printf("%c",c);
16
17
18
19
                        printf("\n");
20
21
22
            return 0;
23
```

```
Input Expected Got

2 WB WB V
2 W BW BW
3 B BWB BWB
WBW BWB BWB

Passed all tests! V
```

```
{\hbox{Question}}~3
                     Decode the logic and print the Pattern that corresponds to given input.
Correct
Marked out of
7.00
                     If N= 3

▼ Flag question

                     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
                     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>
                         3 1
                                 int n,v,p3,c,in,i,i1,i2,t,ti;
scanf("%d",&t);
for(ti=0;ti<t;ti++){</pre>
                         4
                         6
```

scanf("%d",&n);
printf("Case #%d\n",ti+1);

```
10 v
11
                            for(i=0;i<n;i++){
    c=0;
    if(i>0){
        for(i1=0;i1<i;i1++) printf("**");
    }
}</pre>
12 🔻
13
 14
                            for(i1=i;i1<n;i1++){
    if(i>0) c++;
    printf("%d0",++v);
15 🔻
16
17
18
                            if(i==0){
    p3=v+(v*(v-1))+1;
    in=p3;
20
21
22
23
24
25
                            in=in-c;
                           n=n-c;
p3=in;
for(i2=i;i2<n;i2++){
    printf("%d",p3++);
    if(i2!=n-1) printf("0");
}printf("\n");</pre>
26
27
28
 29
30
31 }
```

	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	
		*****13014017018	*****13014017018	
		******15016	******15016	

Passed all tests! ✓

Finish review