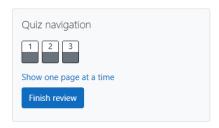
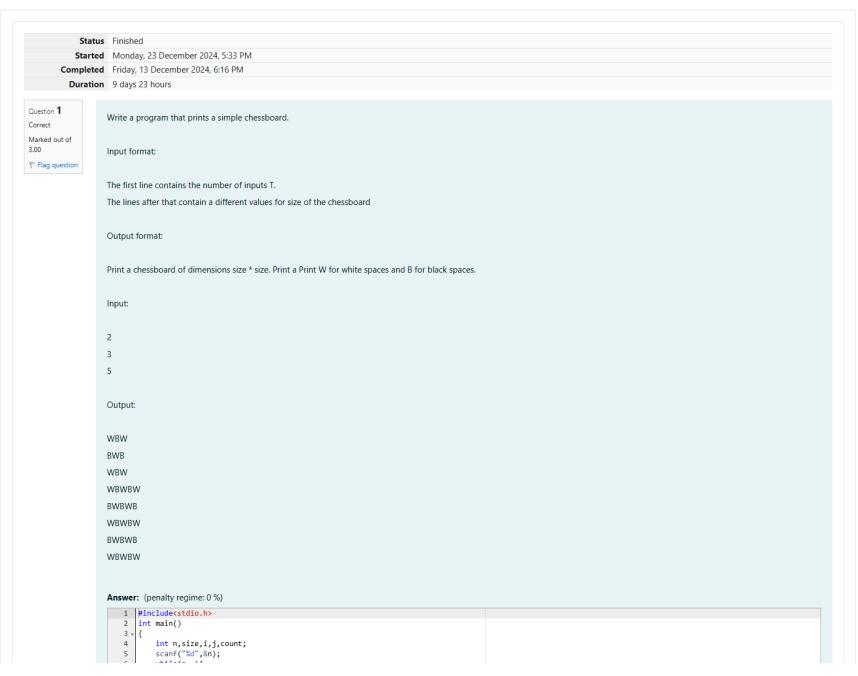
## GE23131-Programming Using C-2024





```
wnite(n--){
    scanf("%d",&size);
    -
              count=0;
 9 ,
              for(i=0;i<size;i++){</pre>
                  for(j=0;j<size;j++){
    if(++count%2)
10 ,
11
                       printf("W");
12
13
14
                       printf("B");
15
                  if(size%2==0)
16
17
                  count++;
                  printf("\n");
18
19
20
21 }
```

		Got	
✓ 2 WBI	IBW W	WBW	~
3 BWE	WB E	BWB	
5 WBI	BW W	WBW	
WBI	BWBW W	WBWBW	
BWE	WBWB B	BWBWB	
WBI	BWBW W	WBWBW	
BWE	WBWB B	BWBWB	
WBI	BWBW W	WBWBW	
assed 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:

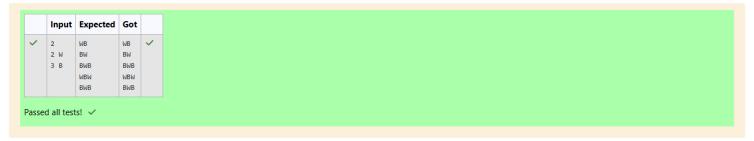
2

2 W

3 B

Output:

```
WB
BW
BWB
WBW
BWB
Answer: (penalty regime: 0 %)
      #include<stdio.h>
   2
      int main()
   3 •
   4
          int T,d,i,i1,i2,z,o;
   5
          char c,s;
   6
          scanf("%d",&T);
   7
          for(i=0;i<T;i++){
             scanf("%d %c",&d,&s);
   8
   9 ,
              for(i1=0;i1<d;i1++){
  10
                 z=(s=='W')?0:1;
                 o=(i1%2==z)?0:1;
  11
                 for(i2=0;i2<d;i2++){
  12
                    c=(i2%2==o)?'W':'B';
  13
  14
                    printf("%c",c);
  15
  16
                printf("\n");
  17
  18
  19
          return 0;
  20 }
```



Question **3**Correct
Marked out of 7.00
Figure 1 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
3
3
5
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
*****10011
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
```

\*\*\*\*\*\*\*\*1E016

יו טעו יי

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

	Input	Expected	Got	
<b>~</b>	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	