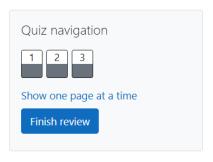
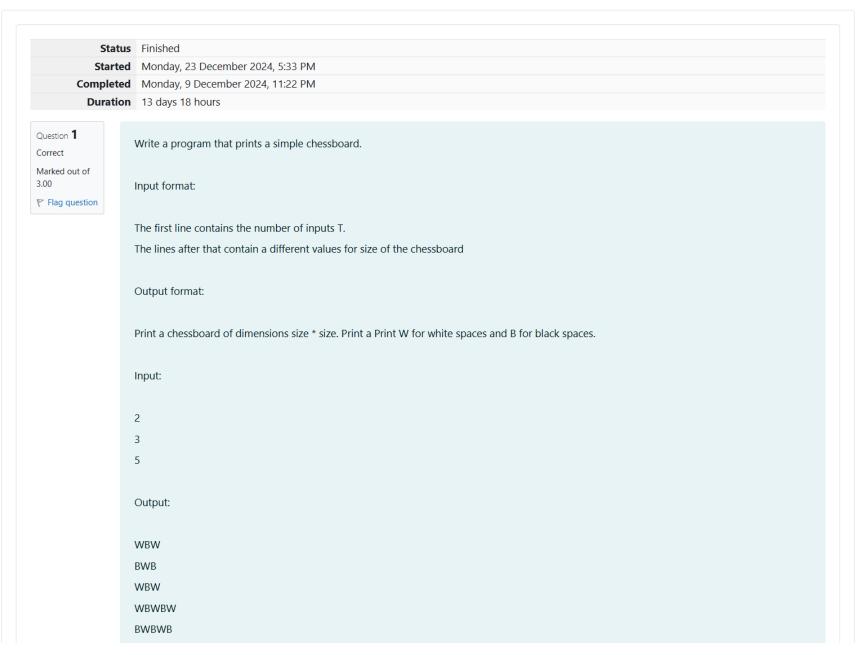
GE23131-Programming Using C-2024





WBWBW BWBWB WBWBW

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
    int main()
 2
3 ₹ {
       int T,size,i,j;
 4
 5
       scanf("%d",&T);
       while(T--)
 6
 7 ,
           scanf("%d",&size);
 8
 9
            for(i=0;i<size;i++)</pre>
10
11
                for(j=0;j<size;j++)</pre>
12
13
                   if((i+j)%2==0){
                       printf("W");
14
15
16
                   else{
                       printf("B");
17
18
19
                printf("\n");
20
21
22
23
            return 0;
24
25
26
27
```

	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 Let's print a chessboard! Correct Marked out of 5.00 Write a program that takes input: Flag question 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 ₹ {

int T,N,i,j;

char ch;
scanf("%d",&T);

while(T--)

scanf("%d %c",&N,&ch);

for(i=0;i<N;i++)

4 5

6

7 8 v

9

10

```
11 v
12
                for(j=0;j<N;j++)</pre>
13
                   printf("%c",ch);
14
                   ch=(ch=='W')?'B':'W';
15
16
                printf("\n");
17
18
                if(N%2==0)
19
                   ch=(ch=='W')?'B':'W';
20
21
22
23
24
        return 0;
25 }
```

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

Question ${\bf 3}$

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
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 %)
      #include<stdio.h>
    2
       int main()
    3 ▼ {
    4
           int t;
           scanf("%d",&t);
    5
    6
           for(int x=1;x<=t;x++)
    7
               printf("Case #%d\n",x);
    8
               int n;
    9
              scanf("%d",&n);
  10
  11
               int f=1,b=n*(n+1);
               for(int i=0;i<n;i++)</pre>
  12
  13
  14
                   for(int k=0;k<2*i;k++)</pre>
  15
                      printf("*");
  16
  17
  18
                   printf("%d",f);
  19
                   f++;
  20
                   for(int j=2;j<=n-i;j++)</pre>
  21
  22
                       printf("0%d",f);
  23
                       f++;
  24
  25
                   for(int l=b-(n-i)+1;l<=b;l++)</pre>
  26
                      printf("0%d",1);
  27
  28
  29
                   b-=n-i;
  30
                   printf("\n");
  31
  32
  33
           return 0;
  34 }
```

	Input	Expected	Got	
~	3	Case #1	Case #1	~
	3	10203010011012	10203010011012	
	4	**405000	**1050000	

	4	4030003	4030003	
	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	
Pass	ed all te	sts! 🗸		
1 435	cu un te	5.5.		

Finish review