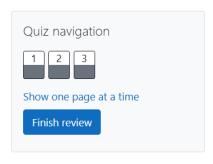
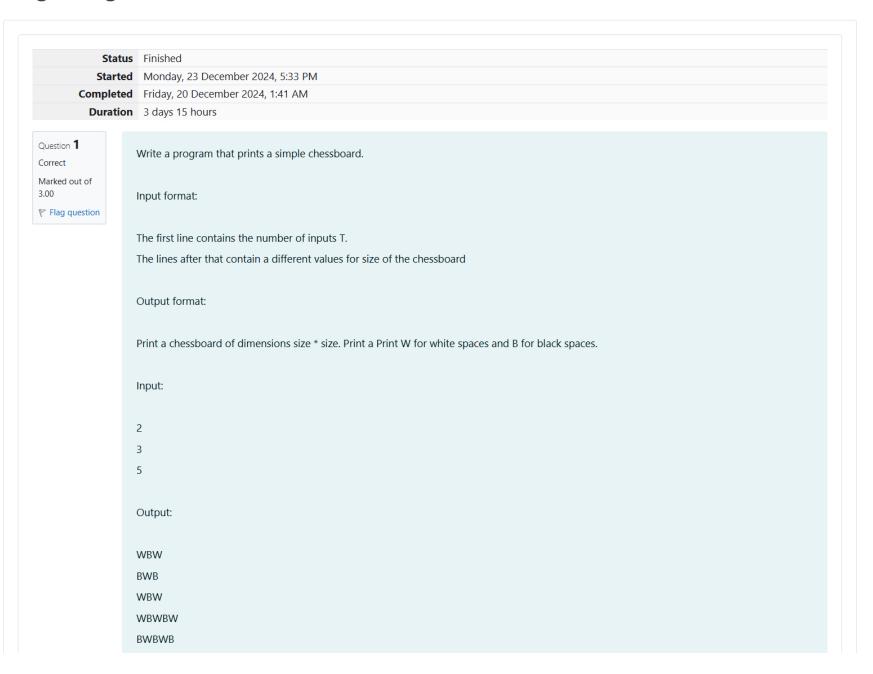
GE23131-Programming Using C-2024





```
WBWBW
BWBWB
WBWBW
Answer: (penalty regime: 0 %)
     #include<stdio.h>
     int main()
   2
   3 ₹ {
   4 int T,d,i=0,i1,i2,o;
   5 char c;
   6 scanf("%d",&T);
   7 while(i<T)
   8 ₹ {
     scanf("%d",&d);
   9
  10 i1=0;
  11 while(i1<d)
  12 v {
  13
     o=1;
  14 i2=0;
  15 if(i1%2==0)
  16 ▼ {
  17 o=0;
  18
  19
     while(i2<d)
  20 ▼ {
  21 c='B';
  22 if(i2%2==o)
  23 ₹ {
  24 c='W';
  25 }
  26 printf("%c",c);
  27 12++;
  28
  29
     i1+=1;
     printf("\n");
  30
  31 }
  32
     i=i+1;
  33
  34
  35
```

	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! < 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 %)

Question 2

Flag question

1 #include<stdio.h>

Correct Marked out of 5.00

```
Z IIIC Main()
 3 ₹ {
 4
        int T,d,i,il,i2,o,z;
 5
        char c,s;
        scanf("%d",&T);
 6
        for(i=0;i<T;i++)
 7
 8
           scanf("%d %c",&d,&s);
 9
10
           for(il=0;il<d;il++)</pre>
11
               z=(s=='W') ? 0:1;
12
               o=(i1%2==z) ? 0:1;
13
               for(i2=0;i2<d;i2++)
14
15
                   c=(i2%2==o) ? 'W' : 'B';
16
                   printf("%c",c);
17
18
19
                printf("\n");
20
21
22
        return 0;
23
24
```

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

Passed all tests! ✓

Question 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 1
       int main(){
   3
          int n,v,p3,c,in,i,il,i2,t,ti;
   4
           scanf("%d",&t);
```

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



Passed all tests! <

Finish review