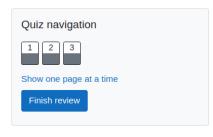
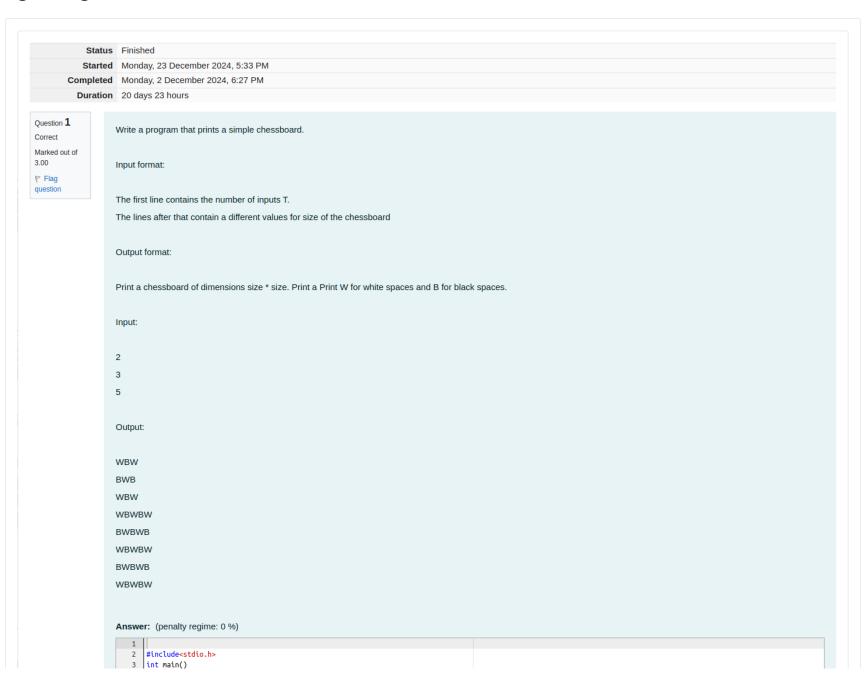
GE23131-Programming Using C-2024





```
int T,d,i=0,i1,i2,0;
       char c;
       scanf("%d",&T);
       while(i<T)</pre>
           scanf("%d",&d);
10
11
           i1=0;
12
           while(i1<d)
13 -
14
              0=1;
15
              i2=<mark>0</mark>;
16
              if(i1%2==0)
17
              {
18
                  0=0;
19
               while(i2<d)
20
21 1
22
                  c='B';
23
                  if(i2%2==0)
24 v
25
                  c='W';
26
27
                  printf("%c",c);
28
                  i2++;
29
30
              i1+=1;
          printf("\n");
31
32
33
       i+=1;
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! ✓

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

```
Input Expected Got

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

Passed all tests! 🗸

Marked out of If N= 3 **4050809 ****607 ****809012013 *****10011 Constraints 2 <= N <= 100 Input Format Output Test Case 1

Question 3

Correct

ℙ Flag question

7.00

Decode the logic and print the Pattern that corresponds to given input. then pattern will be: 10203010011012 If N= 4, then pattern will be: 1020304017018019020 **50607014015016 First line contains T, the number of test cases Each test case contains a single integer N First line print Case #i where i is the test case number In the subsequent line, print the pattern 3 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>
2 int main()
3 ₹ {
4
        int n,v,p3,c,in,i,i1,i2,t,ti;
5
        scanf("%d",&t);
6
        for(ti=0;ti<t;ti++)</pre>
7 v
       {
8
           v=0;
9
           scanf("%d",&n);
10
           printf("Case #%d\n",ti+1);
11
           for(i=0;i<n;i++)</pre>
12
13
               c=0;
14
               if(i>0){
                   for(i1=0;i1<i;i1++) printf("**");</pre>
15
16
17
               for(i1=i;i1<n;i1++)
18
19
                   if(i>0) c++;
20
                   printf("%d0",++v);
21
                if(i==0){
22 1
23
                   p3=v+(v*(v-1))+1;
24
                   in=p3;
25
26
                in=in-c;
27
                p3=in;
28
                for(i2=i;i2<n;i2++)</pre>
29 1
30
                   printf("%d",p3++);
31
                   if(i2!=n-1) printf("0");
32
33
34
               printf("\n");
35
36
37 }
```

	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