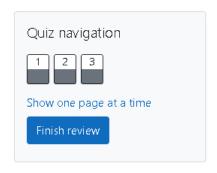
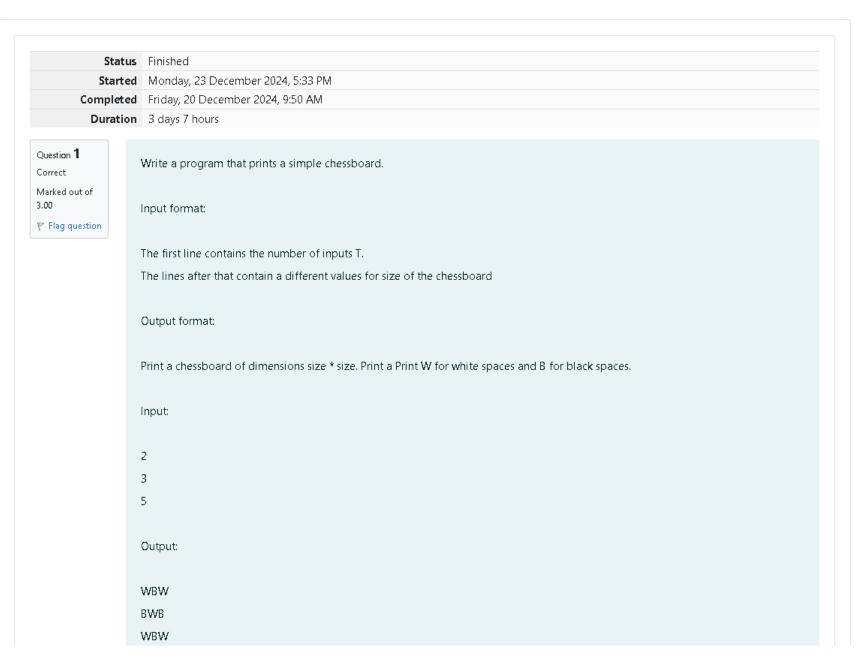
GE23131-Programming Using C-2024

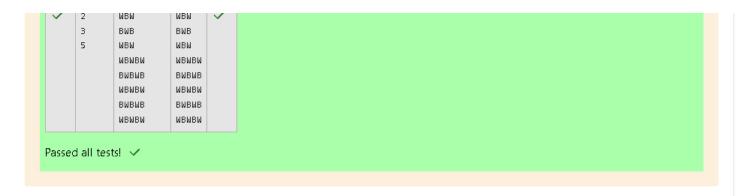




WBWBW BWBWB WBWBWB WBWBW

Answer: (penalty regime: 0 %)

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



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

DILO

PAAR WBW BWB Answer: (penalty regime: 0 %) #include(stdio.h> int main() 2 3 - { int T,a,c,d; 5 char b,e; scanf("%d",&T); 6 7 for(int i=0;i<T;i++)</pre> 8 . 9 scanf("%d %c",&a,&b); for(int j=0;j<a;j++)</pre> 10 11 12 c=(b=='W')?0:1; d=(j%2==c)?0:1; 13 14 for(int k=0; k < a; k++)15 e=(k%2==d)?'W':'B'; 16 17 printf("%c",e);

```
Input Expected Got

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

Passed all tests! <

18 19

Question $oldsymbol{3}$

Correct

Marked out of 7.00

Decode the logic and print the Pattern that corresponds to given input.

printf("\n");

If N = 3

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>
       int main()
    2
   3 - {
           int no_of_test,case_no,a,b,c,d;
    5
           scanf("%d",&no_of_test);
    6 .
           for(int i=1;i<=no_of_test;i++){</pre>
    7
               a=0;
               scanf("%d",&case_no);
    8
               printf("Case #%d\n",i);
    9
               for(int j=0;j<case_no;j++){</pre>
   10
               b=0;
   11
```

12 -

13

14

15

16

17

if(j>0){

for(int k=0;k<j;k++)</pre>

for(int l=j;l<case_no;l++){</pre>

printf("**");

if(j>0)

 $b_{\perp\perp}$.

```
printf("%d0",++a);
19
20
           if(j==0){
21 -
22
              C=a+(a*(a-1))+1;
23
               d=c;
24
25
           d=d-b;
26
           c=d;
           for(int m=j;m<case_no;m++){</pre>
27 -
               printf("%d",c++);
28
29
              if(m!=case_no-1)
               printf("0");
30
31
32
           printf("\n");
33
34
35
```

| | 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