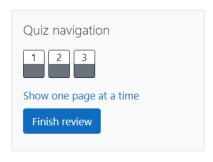
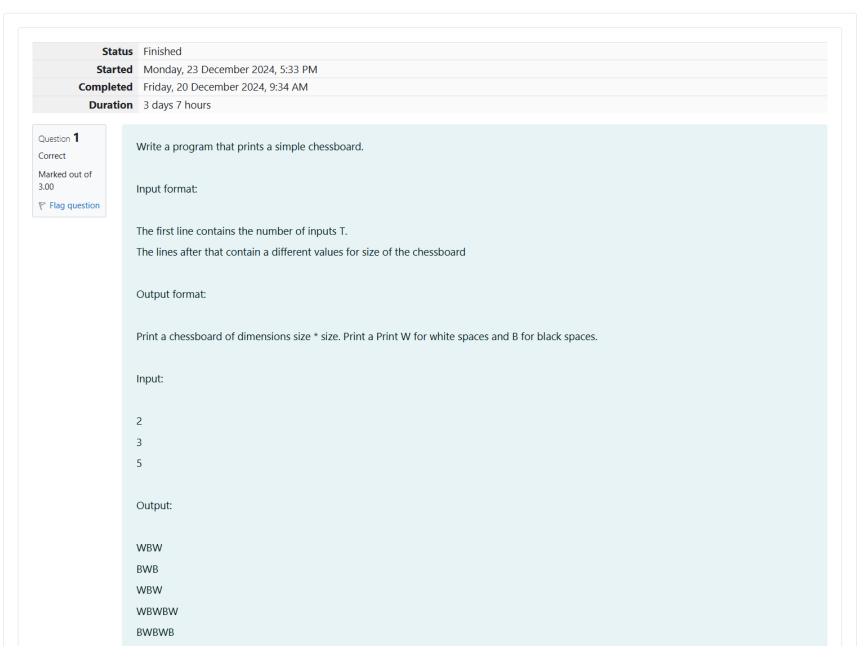
GE23131-Programming Using C-2024





WBWBW BWBWB WBWBW

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
~	2	WBW	WBW	~
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	

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 v
int main() {
    int T,d,i,i1,i2,o,z;
    char c,s;
    scanf("%d",&T);
    for(i=0:i<T:i++)</pre>
```

```
7 ,
           scanf("%d %c",&d,&s);
 8
           for(i1=0;i1<d;i1++)
 9
10
               z=(s=='W')?0:1;
11
               o=(i1%2==z)?0:1;
12
13
               for(i2=0;i2<d;i2++)
14
                   c=(i2%2==o)?'W':'B';
15
                   printf("%c",c);
16
17
               printf("\n");
18
19
20
21
22
```

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

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
5
Output
Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
```

```
^^^^^
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
Answer: (penalty regime: 0 %)
      #include <stdio.h>
       int main() {
    2 v
    3
           int n,v,p3,c,in,i,i1,i2,t,ti;
           scanf("%d",&t);
    4
           for(ti=0;ti<t;ti++){</pre>
    5 1
    6
               v=0;
               scanf("%d",&n);
    7
               printf("Case #%d\n",ti+1);
    8
    9 .
               for(i=0;i<n;i++){
  10
                   c=0;
  11
                   if(i>0){
  12
                       for(i1=0;i1<i;i1++) printf("**");</pre>
  13
  14
                   for(i1=i;i1<n;i1++){</pre>
                      if(i>0) c++;
  15
  16
                       printf("%d0",++v);
  17
  18
                   if(i==0){
  19
                       p3=v+(v^*(v-1))+1;
  20
                       in=p3;
  21
  22
                   in=in-c;
  23
                   p3=in;
  24
                   for(i2=i;i2<n;i2++){</pre>
  25
                       printf("%d",p3++);
  26
                       if(i2!=n-1) printf("0");
  27
  28
                   printf("\n");
  29
  30
  31
  32
```

	Input	Expected	Got	
~	3	Case #1	Case #1	~
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	-	*****	*****	

*****00/ *****00/ 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