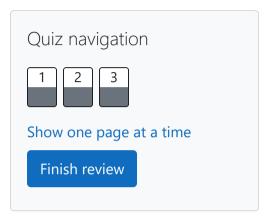
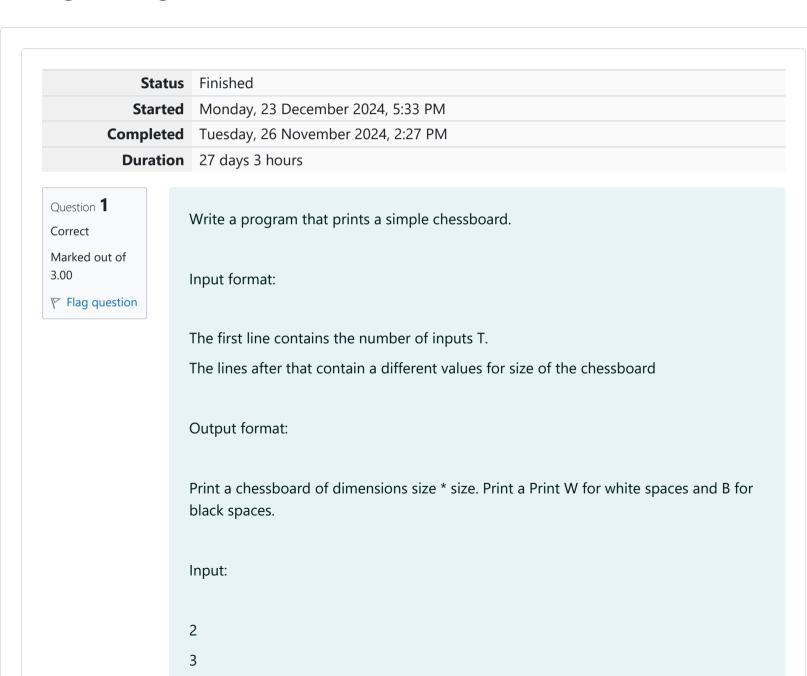
GE23131-Programming Using C-2024





WBW **BWB** WBW **WBWBW BWBWB WBWBW BWBWB WBWBW Answer:** (penalty regime: 0 %) 1 #include<stdio.h> 2 int main() 3 ▼ int a,n; scanf("%d",&a); 6 for(int i=1;i<=a;i++)</pre> 7 🔻 scanf("%d",&n); 8 9 for(int j=1;j<=n;j++)</pre> 10 11 for(int k=1;k<=n;k++)</pre> 12 🔻 13 if((j-k)%2==0)14 🔻 15 printf("W"); 16 17 🔻 else{ printf("B"); 18 19 20

Output:

24 |} Input Expected Got **/** WBW WBW 3 BWB BWB 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

Question **2**

Marked out of

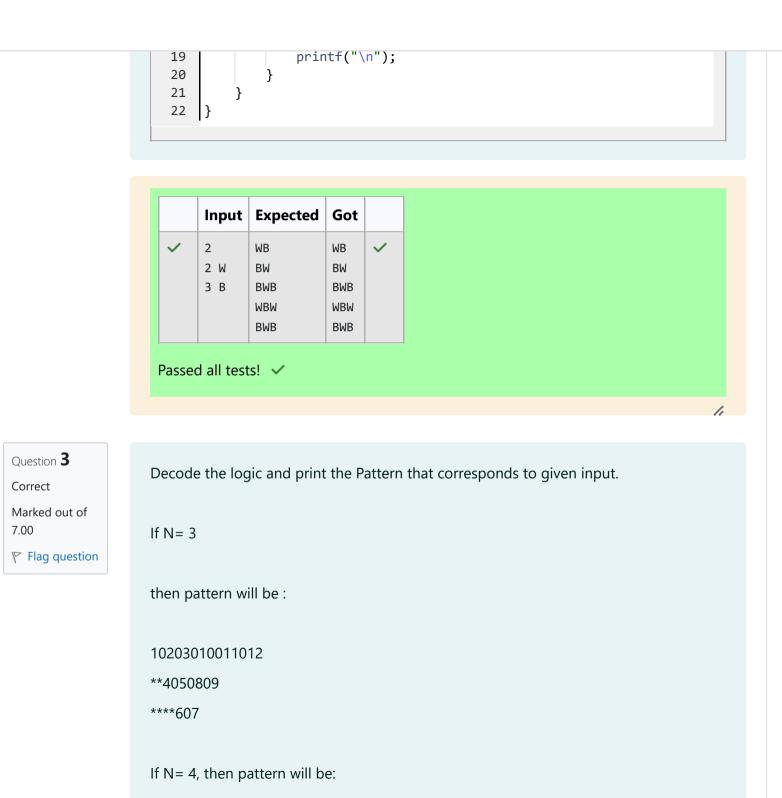
Flag question

Correct

5.00

```
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,d,i,i1,i2,o,z;
    4
           char c,s;
    5
           scanf("%d",&t);
           for(i=0;i<t;i++)</pre>
    8 🔻
                scanf("%d %c",&d,&s);
    9
                for(i1=0;i1<d;i1++)</pre>
   10
   11 🔻
                    z=(s=='W')?0:1;
   12
   13
                    o=(i1%2==z)?0:1;
                    for(i2=0;i2<d;i2++)</pre>
   14
   15 🔻
                    {
```

Input:



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

```
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 v int main(){
```

```
1  #include<stdio.h>
2 v int main(){
3    int n,v,p3,c,in,i,i1,i2,t,ti;
4    scanf("%d",&t);
5    for(ti=0;ti<t;ti++)
6 v {
7         v=0;
8         scanf("%d",&n);
9         printf("Case #%d\n",ti+1);
10 v        for(i=0;i<n;i++){</pre>
```

```
for(i1=0;i1<i;i1++)</pre>
14
                      printf("**");
15
16
17
                 for(i1=i;i1<n;i1++)</pre>
18 🔻
19
                     if(i>0)
20
                      C++;
                      printf("%d0",++v);
21
22
                 if(i==0)
23
24 🔻
25
                      p3=v+(v*(v-1))+1;
26
                     in=p3;
27
28
                 in=in-c;
29
                 p3=in;
30 1
                 for(i2=i;i2<n;i2++){</pre>
31
                      printf("%d",p3++);
32
                     if(i2!=n-1)
33
                      printf("0");
34
                 printf("\n");
35
36
37
38
39
```

	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	

