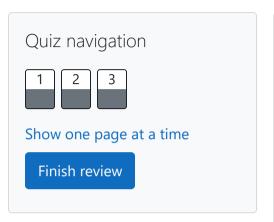
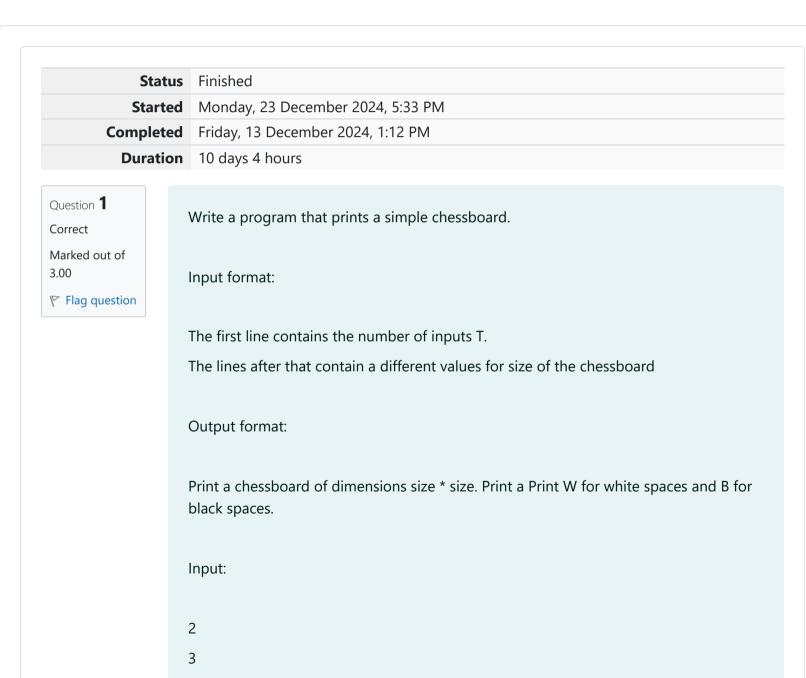
GE23131-Programming Using C-2024





WBWBW

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
 2 v int main(){
         int t;
 3
         scanf("%d",&t);
         for(int y=1;y<=t;y++){</pre>
 5 🔻
 6
             int rows;
             scanf("%d",&rows);
 8 ,
             for(int i=0;i<rows;i++){</pre>
 9 ,
                 for(int j=0;j<rows;j++){</pre>
                      if((i+j)%2==0)
10
11
                      printf("W");
12
                      else
13
                      printf("B");
14
15
                 printf("\n");
16
17
18
         return 0;
19
```



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

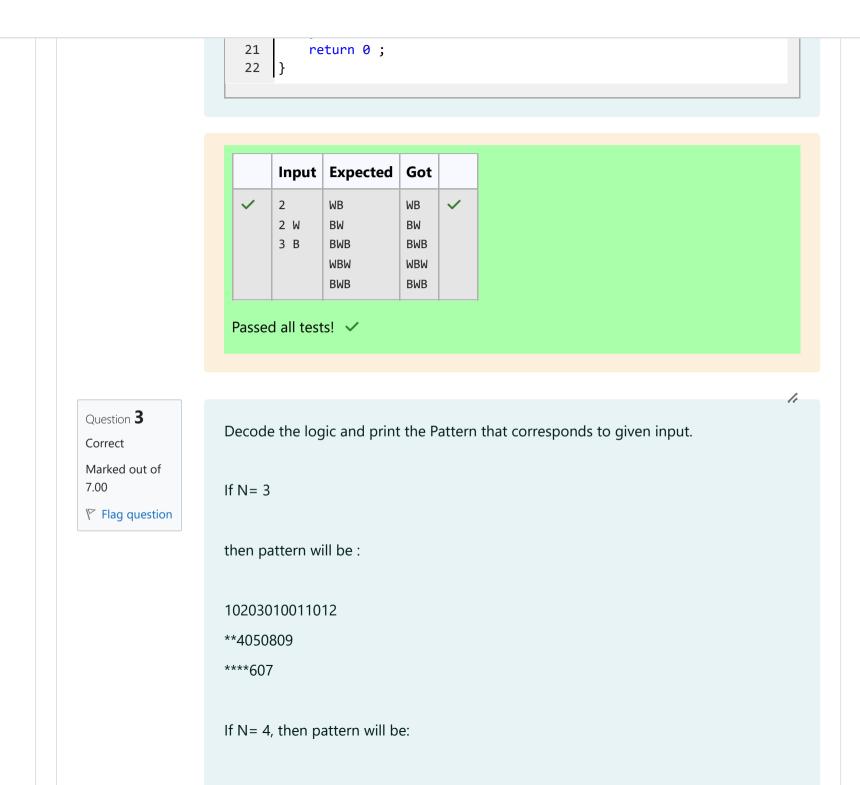
Print the chessboard as per the given examples

Sample Input / Output

```
3 B
Output:
WB
BW
BWB
WBW
BWB
Answer: (penalty regime: 0 %)
    1 #include<stdio.h>
    2 v int main(){
           int T,d,i,i1,i2,o,z;
    3
           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++)</pre>
    9
   10 •
                    z = (s== 'W')? 0:1;
   11
                    o = (i1 \% 2 == z)? 0 : 1;
   12
                    for(i2 = 0; i2 < d; i2++)</pre>
   13
   14 🔻
                        c = (i2 \% 2 == o)? 'W':'B';
   15
   16
                        printf("%c",c);
   17
```

2

2 W



****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

```
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 n,v,p3,c,in,i,i1,i2,t,ti;
           scanf("%d",&t);
    6 1
           for(ti = 0; ti < t;ti++){</pre>
               v=<mark>0</mark>;
               scanf("%d",&n);
               printf("Case #%d\n",ti + 1);
    9
   10 •
               for(i = 0 ; i<n;i++){</pre>
   11
                    c = 0;
                    if(i > 0){
   12 🔻
```

Case #1

```
if(i > 0) c++;
16
                printf("%d0",++v);
17
18
19 🔻
            if(i==0){
                p3 = v + (v*(v-1)) + 1;
20
                in = p3;
21
22
23
            in = in - c;
24
            p3 = in;
25 🔻
            for(i2 = i;i2 <n;i2++){</pre>
                printf("%d",p3++);
26
                if(i2 != n-1) printf("0");
27
            }printf("\n");
28
29
30
31 }
```

	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	

Finish review