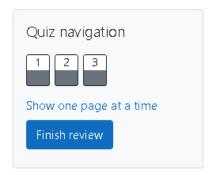
GE23131-Programming Using C-2024





BWB
WBWBW
BWBWBW
BWBWB
WBWBWB

Answer: (penalty regime: 0 %)

```
1 #include(stdio.h>
 2
   int main()
 3 + {
        int T,d,i=0,i1,i2,o;
 5
        char c;
        scanf("%d",&T);
 6
 7
        while(i<T)
 8 -
            scanf("%d",&d);
 9
10
            i1=0;
            while(i1<d)
11
12 -
13
                o=1;
                i2=<mark>0</mark>;
14
15
                if(i1%2==0)
16
17
                     o=0;
18
19
                while(i2<d)
20 -
                    c='B';
21
22
                    if(i2%2==o)
23
                        c="W";
24
25
                    printf("%c",c);
26
27
                    i2++;
28
29
                i1+=1;
30
                printf("\n");
31
32
            i=i+1;
33
34 }
```



Passed all tests! 🗸

Question 2
Correct
Marked out of 5.00

F 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>
2 int main()
3 + {
        int T,d,i,i1,i2,o,z;
4
5
        char c,s;
        scanf("%d",&T);
6
        for(i=0;i<T;i++)</pre>
7
8 -
            scanf("%d %c",&d,&s);
9
            for(i1=0;i1<d;i1++)</pre>
10
11 -
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==0) ? "W" : "B";
                    printf("%c",c);
17
18
19
                printf("\n");
20
21
22
        return 0;
23 }
```

	Input	Expected	Got	
~	2	WB	WB	~
	2 W	BW	BW	
	3 B	BWB	BWB	
		WBW	WBW	
		BMB	BMB	

Question 3

Correct

Marked out of 7.00

P 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

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 *****10011 Case #3 102030405026027028029030 **6070809022023024025 ****10011012019020021 *****13014017018 *******15016 **Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
    int main()
 2
 3 - {
 4
      int n,v,p3,c,in,i,i1,i2,t,ti;
      scanf("%d",&t);
 6
      for(ti=0;ti<t;ti++)</pre>
 7 -
 8
             V=0;
            scanf("%d",&n);
 9
10
            printf("Case #%d\n",ti+1);
11
            for (i=0;i<n;i++)</pre>
12 -
13
                 c=0;
14
                 if(i>0)
15
                    for(i1=0;i1<i;i1++)</pre>
16
17
                    printf("**");
18
19
             for(i1=i;i1<n;i1++)</pre>
20 -
21
                 if(i>0)
22
                 C++;
23
                 printf("%d0",++v);
24
25
             if(i==0)
26 -
                 p3=v+(v*(v-1))+1;
27
28
                 in=p3;
29
30
             in=in-c;
31
             p3=in;
32
             for(i2=i;i2<n;i2++)</pre>
33 -
34
                printf("%d",p3++);
35
               if(i2!=n-1)
36
                printf("0");
37
38
            printf("\n");
39
40
41
42
```

	Input	Expected	Got	
~	3	Case #1	Case #1	~



Finish review