GE23131-Programming Using C-2024

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Quiz navigation

| 1 | 2 | 3 |

Show one page at a time

[Finish review]

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Monday, 9 December 2024, 2:30 PM
Duration	14 days 3 hours

Question **1**

Incorrect

Marked out of 3.00

⚑ Flag question

Write a program that prints a simple chessboard.

Input format:

The first line contains the number of inputs T.

The lines after that contain a different values for size of the chessboard

Output format:

Print a chessboard of dimensions size * size. Print a Print W for white spaces and B for black spaces.

Input:

2

3

5

Output:

WBW

BWB

WBW

WBWBW

BWBWB

WBWBW

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int t,d,i=0,i1,i2,o;
    char c;
    scanf("%d",&t);
    while(i<t)
    {
        scanf("%d",&d);
        i1=0;
        while(i1<d)
        {
            o=1;
            i2=0;
            if(i1%2==0)
            {
                o=0;
            }
            while(i2<d)
            {
                c='B';
                if(i2%2==0)
                {
                    c='W';
                }
                printf("%c",
                i2++;
            }
            i1++;
            printf("\n");
        }
        i++;
    }
    return 0;
}
```

```
__tester__.c: In function 'main':
__tester__.c:4:23: error: variable
'o' set but not used [-
Werror=unused-but-set-variable]
    4 |     int t,d,i=0,i1,i2,o;
      |                       ^
cc1: all warnings being treated as
errors
```

Question 2

Not answered

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

Answer: (penalty regime: 0 %)

```
1 |
```

Question **3**

Not answered

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

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

Output

Case #1
10203010011012
**4050809
****607
Case #2
1020304017018019020
**50607014015016
****809012013
******10011
Case #3
102030405026027028029030
**6070809022023024025
****10011012019020021

Answer: (penalty regime: 0 %)

```
1
```

Finish review