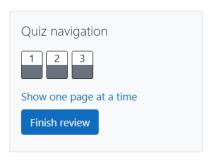
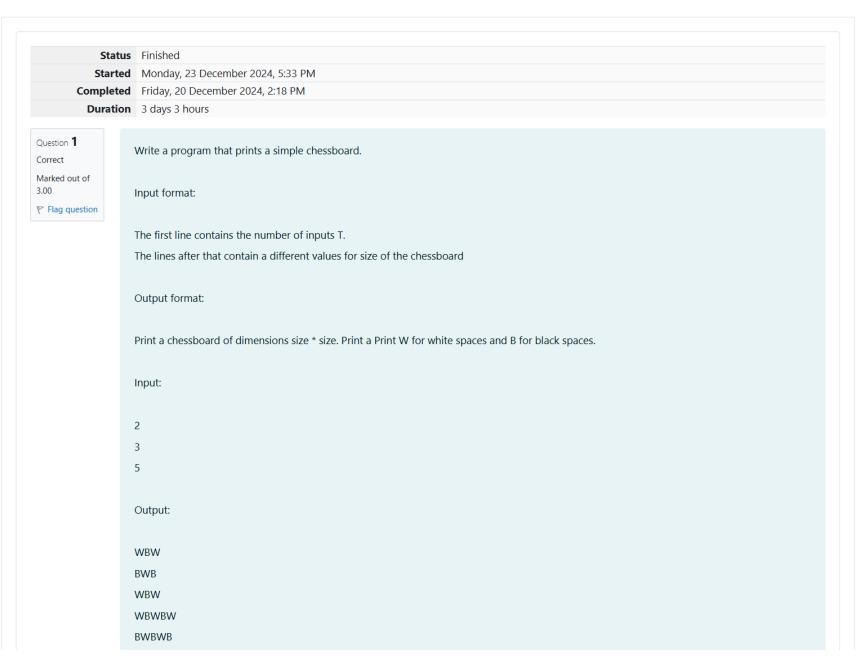
GE23131-Programming Using C-2024





```
WBWBW
BWBWB
WBWBW
Answer: (penalty regime: 0 %)
   1 #include<stdio.h>
   2 v int main(){
          int n,r,i,j;
   3
          scanf("%d",&n);
while(n){
   4
    5 1
              scanf("%d",&r);
    6
    7 ,
              for(i=0;i<r;i++){
                  for(j=0;j<r;j++){</pre>
    8
    9
                      if((i+j)%2==0)
                      printf("W");
  10
  11
                      else
                      printf("B");
  12
  13
  14
                  printf("\n");
  15
  16
              n=n-1;
  17
  18
          return 0;
  19 }
```

	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

Let's print a chessboard!

Passed all tests! <

Write a program that takes input:

₹ Flag question

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 n,r,i,j;
 3
        char a;
 4
        scanf("%d",&n);
 5
        while(n){
 6 1
 7
            scanf("%d %c",&r,&a);
 8
            for(i=0;i<r;i++){
 9 ,
                for(j=0;j<r;j++){</pre>
                    if(a=='W'){
10
11
                        if((i+j)%2==0)
                        printf("W");
12
                        else
13
                        printf("B");
14
15
                    1111 20/1 INDIXO
```

```
erse rr(a== R ){
Тр ▲
17
                      if((i+j)%2==0)
18
                      printf("B");
                      else
19
                      printf("W");
20
21
22
               printf("\n");
23
24
25
           n=n-1;
26
27
       return 0;
28 }
```

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

Passed all tests! <

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 4 5 Output 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(){
    3
           int n,v,p,c,in,i,il,i2,t,ti;
           scanf("%d",&t);
    4
    5 1
           for(ti=0;ti<t;ti++){</pre>
    6
              v=0;
              scanf("%d",&n);
    7
    8
              printf("Case #%d\n",ti+1);
              for(i=0;i<n;i++){
    9
                   c=0;
  10
  11
                   if(i>0){
  12
                      for(il=0;il<i;il++)</pre>
                      printf("**");
  13
  14
                   for(il=i;il<n;il++){</pre>
  15
  16
                      if(i>0)
  17
                       C++;
  18
                      printf("%d0",++v);
  19
  20
                   if(i==0){
  21
                      p=v+(v^*(v-1))+1;
  22
                      in=p;
  23
  24
                   in=in-c;
  25
                   p=in;
  26
                   for(i2=i;i2<n;i2++){
  27
                      printf("%d",p++);
  28
                      if(i2!=n-1)
  29
                      printf("0");
  30
  31
                   printf("\n");
  32
  33
  34 }
```

	Input	Expected	Got	
~	3	Case #1	Case #1	~
	3	10203010011012	10203010011012	
	4	**4050809	**4050809	
	5	****607	****607	

C--- #11 C=== #3 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