Question 1 Write a program that prints a simple chessboard. Correct Marked out of 3.00 Input format: F Flag question 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

```
Answer: (penalty regime: 0 %)
  1 #include<stdio.h>
    2 · int main(){
   3 int v;
4 scanf("%d",&v);
5 while(v > 0)(
    6 int x;
7 scanf("%d",&x);
    8 · if(x < 0){
   9 x=-x;
10 }
   a ='W';
    18
    19
   20 printf("\n");
21 if(x%2=0){
22 if(a == 'W')
23 a= 'B';
    24
        else
    25
         a ='W';
        }
v--;
}
    26
    27
    28
    29
    30
     31
```

Question 2 Let's print a chessboard! Correct Marked out of 5.00 Write a program that takes input: P 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

```
Answer: (penalty regime: 0 %)
```

```
#include<stdio.h>
     int main(){
 2 .
          int v;
scanf("%d",&v);
while(v>0){
 3
 4
 5
 6
               int x;
                char a;
scanf("%d %c",&x,&a);
 7
 8
                for(int i = 0; i < x; i \leftrightarrow){
 9
                for(int j = 0; j < x; j++){
    printf("%(",a);
    if(a=='W')
10 .
11
12
13 •
                      {
                      a='B';
14
15
                      }
                      else {
a = 'W';
16 .
17
18
19
                 }
if( x%2==0){
20
21
           if(a=='W')
22
                      a='B';
23
24
                      else
                      a='W';
25
26
27
                 printf("\n");
28
29
                }
30
31 }
32 }
```

	Input	Expected	Got	
~	2	WB	NB	~
	2 H	BW	BW	
	3 B	BWB	BMB	
		MBM	WBW	
		BWB	DWB	

Passed all tests! <

Question **3**Correct
Marked out of 7.00
Y 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

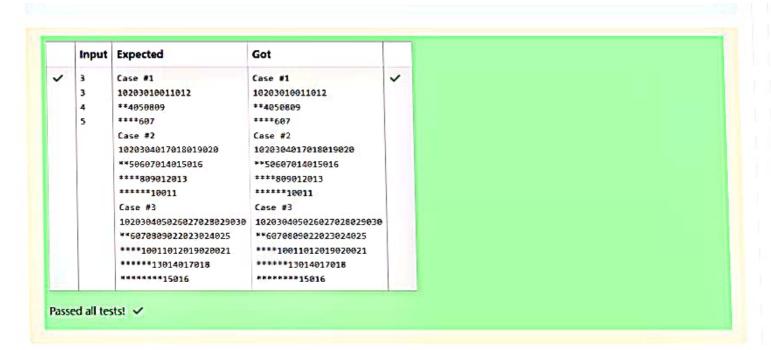
\*\*50607014015016

\*\*\*\*809012013

\*\*\*\*\*\*10011

Constraints

```
Answer: (penalty regime: 0 %)
    1 #include<stdio.h>
    2 - int main(){
              int n,v,p3,c,in,i,i1,i2,t,ti;
scanf("%d",&t);
    3
    4
              for(ti = 0;ti<t;ti++){
     5
     6
                   V=0;
                   scanf("%d",&n);;
printf("Case #%d\n",ti+1);
for(i=0;i<n;i++){</pre>
     7
     8
     9
    10
                        c=0;
                         if(i>0){
    11 .
                             for(i1=0;i1<i;i1++)
printf("**");
    12
    13
                         }
for(i1=i;i1<n;i1++){
     14
     15
                              if(i>0)
     16
     17
                              C++;
printf("%do",++v);
     18
     19
                         if(1--0){
     20
                              p3=v+(v*(v-1))+1;
     21
      22
                               in-p3;
      23
      24
                          in=in-c;
      25
                          p3=in;
                          for(i2=i;i2<n;i2++)(
      26
                              printf("%d",p3++);
if(i2!=n-1)
printf("0");
      27
      28
      29
      30
                          printf("\n");
      31
       32
      33
                 }
           1
       34
       35
```



Finish review