

Question 1

Correct

Marked out of 3.00

Flag question

Question text

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

BWBWB

WBWBW

Answer:(penalty regime: 0 %)

```
#include<stdio.h>
```

```
void printchessboard(int size){
```

```
    for(int i=0;i<size;i++){
```

```
        for(int j=0;j<size;j++){
```

```
            if((i+j)%2==0){
```

```
                printf("W");
```

```
            }
```

```
            else{
```

```
                printf("B");
```

```
            }
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
}
```

```
int main()
```

```
{
```

```
    int T;
```

```
    scanf("%d",&T);
```

```
    int size[T];
```

```
    for(int i=0;i<T;i++){
```

```
        scanf("%d",&size[i]);
```

```
    }
```

```
    for(int i=0;i<T;i++){
```

```
        printchessboard(size[i]);
```

```
    }
```

```
    return 0;
```

}

Feedback

	Input	Expected	Got	
	2	WBW	WBW	
	3	BWB	BWB	
	5	WBW	WBW	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	
		BWBWB	BWBWB	
		WBWBW	WBWBW	

Passed all tests!

Question 2

Correct

Marked out of 5.00

Flag question

Question text

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 %)

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int T,d,i,o,i1,i2,z;
```

```
    char c,s;
```

```
    scanf("%d",&T);
```

```
    for(i=0;i<T;i++){
```

```
        scanf("%d %c",&d,&s);
```

```
        for(i1=0;i1<d;i1++){
```

```
            z=(s=='W') ? 0:1;
```

```
            o=(i1%2==z) ? 0:1;
```

```
            for(i2=0;i2<d;i2++){
```

```
                c=(i2%2==o) ? 'W': 'B';
```

```
                printf("%c",c);
```

```

    }
    printf("\n");
}
}
}

```

Feedback

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

Passed all tests!

Question 3

Incorrect

Marked out of 7.00

Flag question

Question text

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

$2 \leq N \leq 100$

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>
```

```
int main()
```

```
{
```

```
    int n,v,p3,c,i,i1,i2,t,ti,in;
```

```
    scanf("%d",&t);
```

```
    for(ti=0;ti<t;ti++)
```

```
    {
```

```
        v=0;
```

```
        scanf("%d",&n);
```

```
        printf("Case #%%d\n", ti+1);
```

```
        for(i=0;i<n;i++){
```

```
            c=0;
```

```
            if(i>0){
```

```
                for(i1=i;i1<n;i1++){
```

```
                    if(i>0) c++;
```

```
                    printf("%d",v+1);
```

```
                } }}
```

```

p3=v+(v*(v-1))+1;

in=p3;

in=in-c;

p3=in;

for(i2=i;i2<n;i2++){

    printf("%d",p3++);

    if(i2!=n-1)

        printf("0");

}printf("\n");

}}

```

Feedback

Input	Expected	Got	
3	Case #1	Case #1	
3	10203010011012	111	
4	**4050809	Case #2	
5	****607	111111	
	Case #2	Case #3	
	1020304017018019020	1111111111	
	**50607014015016		
	****809012013		
	*****10011		
	Case #3		
	102030405026027028029030		
	**6070809022023024025		
	****10011012019020021		
	*****13014017018		
	*****15016		

Some hidden test cases failed, too.
Your code must pass all tests to earn any marks. Try again.