Write a program that prints a simple chessboard.

Input format.

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

S 3

Output

WEW HWE WEW WBWBW BWBWB WEWBW SMEMB WEWBW

Answer: (penalty regime: 0 %) 3. Minclude catdio.ho 2 - int main() (

5+

6

8 + 9 -10 +

11

12

14 15 16

17 18

20

21 22 int T; scanf("Md", RT);

1

1

return 8;

Input Expected Got MAN

DAIR

MEN

немен

BAIDAD

for(int t-0;t<1;t++) (

int size;
scan(("%4",%4470);

printf("\n");

WEN

BMS.

WEM

WENEN

DMSWD

for(int i-0;icsize;i::) {
 tor(int j-0;jcsize;j::) {
 if((i-j) % 2 - 0) (

printf("W"):

) else (printf("B");

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

Input:

Output format:

The first line contains the number of inputs T.

NEW PA WEMSW DADNO DMDMD

HONOM 1:840% Passed all tests! ~

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

```
Print the chessboard as per the given examples
              Sample Input / Output
              input:
              2
              2 W
              3.6
              Output
              WB
              8W
              8WB
Answer: (penalty regime: 0 %)

2 | Nimclude(stdio:,h)
2 | int N;
4 | scarf("Sa",NI);
5 | for(int t-0;tcT;t-+) {
6 | int N;
7 | char start;
8 | scart("Ad Nc",NN,Sstart);
9 | char alt-(start -- 'M') ? 'M' : 'M';
10 | for(int 1-0;tcN;t-) {
10 | int N;
11 | for(int 1-0;tcN;t-) {
11 | for(int 1-0;tcN;t-) }
12 | int((i:j)XP -- n) {
13 | grintf("Nc",start);
13 | else {
14 | printf("Nc",alt);
15 | else {
15 | printf("Nc",alt);
16 | printf("Nc",alt);
16 | printf("Nc",alt);
17 | printf("Nc",alt);
18 | printf("Nc",alt);
19 | printf("Nc",alt);
10 | printf("Nc",alt);
11 | printf("Nc",alt);
12 | printf("Nc",alt);
13 | printf("Nc",alt);
14 | printf("Nc",alt);
15 | printf("Nc",alt);
16 | printf("Nc",alt);
17 | printf("Nc",alt);
18 | printf("Nc",alt);
19 | printf("Nc",alt);
10 | printf("Nc",alt);
11 | printf("Nc",alt);
12 | printf("Nc",alt);
13 | printf("Nc",alt);
14 | printf("Nc",alt);
15 | printf("Nc",alt);
16 | printf("Nc",alt);
17 | printf("Nc",alt);
18 | printf("Nc",alt);
19 | printf("Nc",alt);
10 | printf("Nc",alt);
11 | printf("Nc",alt);
11 | printf("Nc",alt);
12 | printf("Nc",alt);
12 | printf("Nc",alt);
13 | printf("Nc",alt);
14 | printf("Nc",alt);
15 | printf("Nc",alt);
16 | printf("Nc",alt);
16 | printf("Nc",alt);
17 | printf("Nc",alt);
17 | printf("Nc",alt);
18 | printf("
              WBW
                                        20
                                                                                                                   return 8;
                                      21
                                      22 ]
                                                                               Input Expected
                                                                                                                                                                                                                                      Got
                                                                                                                                                                                                                                         to FR
                                                                                                                                           £W
                                                                                                                                                                                                                                         w
                                                                                                                                           PMS.
                                                                                                                                                                                                                                         nun
                                                                                                                                           HELI
                                                                                                                                                                                                                                      1814
                                                                                                                                           EME
                                                                                                                                                                                                                                      ma
                     Passed all tests: <
```

Decode the logic and print the Pattern that corresponds to given input

If N= 3

10203010011012

then pattern will be:

**4050809

****607

If N= 4, then pattern will be:

1020304017018019020

**50607014015016

****809012013 *****10011

Constraints

```
10203010011012
 **4050809
 ****607
 Case #2
 102030401/018019020
 **50607014015016
 ****809012013
*****10011
102030405026027028029030
**6070809022023024025
****10011012019020021
*****13014017018
******15016
Answer: (penalty regime: 0 %)
1 FincIndecstdio.k>
       int main() (
          int n,v,p),c,in,i,i1,i2,t,ti;
scart("%d",%t);
for(ti-0;ti-t;ti++) {
               w-0;
              ecent("Ad", bn);
printf("Case #Ad\n", ti+1);
               for(1-0;ion;io) (
 10
                  c-0;
                  1((is0) (
  11.
 12
                       for(il-0;il(i;il)) printf("**");
  13
 14
 15
              tor(11-1;11<n;11++) {
 16 .
                  if(1:0) c++;
printf("%d0",::v);
 17
 18
 19
 20 -
              ff(i-0) {
                 p3-v:(v*(v 1)):1;
 21
22
                  In-p3;
24
24
             in-in c;
25
            p3-Inj
             for(17-1;17<n;17++) (
26 .
             printf("%".pJ::);
it(12!-n-1) printt("8");
} printf("\n");
27
28
79
38
31 17 }
        1
    Input Expected
                           Got
    3
           Case V1
    3
           10265010011012
                                      18203810011012
           **4858889
                                      **4050009
    4
           ****607
                                      ****687
           Case 42
                                      Case #2
           102030401/010019020
                                     1020/0401/010019020
           **50607014015016
                                       **50507014015016
           T (11 809012013
                                      ***** SESO13013
                                      mm10011
           Case 41
                                      Case #1
           102050405026027028029050 102030405026027028029030
           **5070809022023024025
                                       **6070009022023024025
           ****10011012019020021
                                      ****10011012019020021
                                      ****** 1501401701E
          ******13014017018
          *******15036
                                      ********15015
```

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

	Input	Expected	Got	
V	151	true	True	4
,	173	false	false	4

Take a number, reverse it and add it to the original number until the obtained number is a palindrome. Constraints

1 <=num <=99999999 Sample Input 1 32 Sample Output 1 55 Sample Input 2 789 Sample Output 2 66066

```
Answer: (penalty regime: 0 %)
1 Fincludecardio.h-
   5 +
           do [
               et-sire-di
               unile(ni-0) {
                  rs-rn*10 | n%10;
n-n/10;
   9
   10
   11
               n-mt irm;
  12
               1++1
           while(rn|-nt || i--1);
printf("Kd",rn);
return 8;
   15
   16
   17 }
```

	Input	Expected	Got	
4	32	55	30	Y
~	789	60066	50000	v

number. Example, 1st lucky number is 3, and 2nd lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 34 and so on. Note that 13, 40 etc., are not lucky as they have other numbers in it.

A number is considered lucky if it contains either 3 or 4 or 3 and 4 both in it. Write a program to print the nth lucky

The program should accept a number in as input and display the nth lucky number as output.

Sample Input 1:

Sample Output 1:

Explanation:

Here the lucky numbers are 3, 4, 33, 34, and the 3rd lucky number is 33.

Sample Input 2:

Sample Output 2:

Answer: (penalty regime: 0 %)

33

33344

```
The k-digit number N is an Armstrong number if and only if the k-th power of each digit sums to N.
Given a positive integer N, return true if and only if it is an Armstrong number.
Example 1:
Input:
153
Output
true
Explanation:
153 is a 3-digit number, and 153 - 1^3 + 5^3 + 3^3.
Example 2:
Input:
123
Output:
false
Explanation:
123 is a 3-digit number, and 123 !- 1^3 + 2^3 + 3*3 - 36.
Example 3:
input:
1634
Output
true
Note:
1 <- N <- 10^8
Answer: (penalty regime: 0 %)
 1 Fincludecstdio.hs
         #includesmath.ha
     3 - int main() {
             int n;
scanf("%d", An);
int x 0, n2 n;
while(n2|-0) {
     6
     7.
     M
                   x:::
n2:n2/10;
     9
    10
              1
              int sum-H;
int H3 H,H4;
while(H3:-0) {
    12
    13 .
    14
                   n4-n3010;
    15
                   sum sum+pow(m4,x);
n3-n3/10;
    16
              if(n sum) {
   print!("true");
    18 -
    19
    210
              else {
   printf("false");
    21 -
    22
    21
    24
              return 0;
```

	Input	Expected	Got	
V	12	55	55	4
,	789	66866	66066	V

Passed all tests! ~

A number is considered lucky if it contains either 3 or 4 or 3 and 4 both in it. Write a program to print the nth lucky number. Example, 1st lucky number is 3, and 2nd lucky number is 4 and 3rd lucky number is 33 and 4th lucky number is 34 and so on. Note that 13, 40 etc., are not lucky as they have other numbers in it.

The program should accept a number 'n' as input and display the nth lucky number as output.

Sample Input 1:

3

Sample Output 1:

33

Explanation:

Here the lucky numbers are 3, 4, 33, 34,, and the 3rd lucky number is 33.

Sample Input 2:

34

Sample Output 2:

33344

Answer: (penalty regime: 0 %)

```
1 Fincludecardio.h>
7 - int main() (
        int n-1, i-0, nt, cq-0, e;
        scanf("%d", Ae);
5+
        while(ike) (
6
           nt-n;
            while(stire) (
7 .
8
                co-8;
9 +
                1((nt%10)-3 88 nt%10)-4) {
10
                    co-1:
                    break;
11
12
13
                nt-nt/18;
14
15 .
            if(to-0) (
16
                1++;
17
18
19
20
        printf("Md",--n);
21
        return 8;
22 ]
```