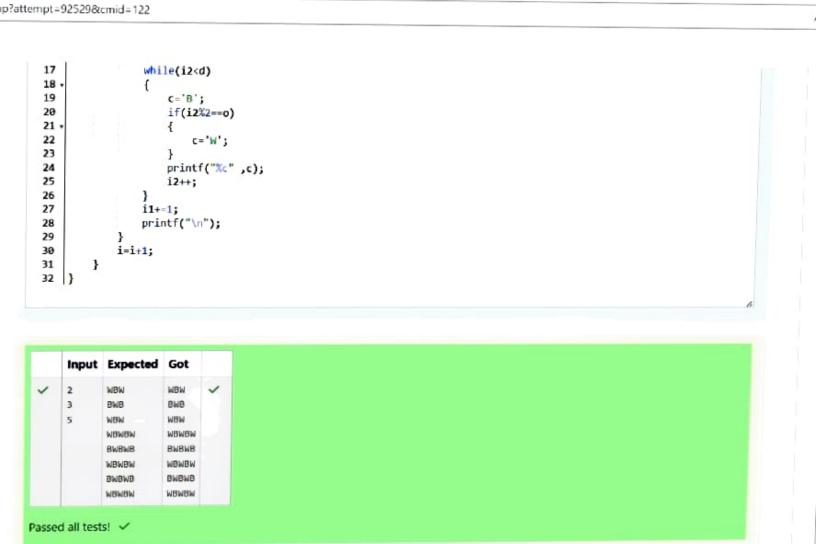
to Week-05-01-Practice Session-Coding: Attempt review REC-CIS - Personal - Microsoft Edge			- 0	
▲ Not secure www.rajalakshmicolleges.	. org /moodle/mod/quiz/review.php	?attempt=92529&cmid=122		
		Input:		
		2		
		3		
		5 Output:		
		WBW		
		BWB		
		WBW		
		WBWBW BMBMB		

Answer: (penalty regime: 0 %)

```
#include <stdio.h>
  2 + int main(){
          int T,d,i=0,i1,i2,o;
  3
  4
          char c;
          scanf("%d" ,&T);
  5
          while(i<T){
  6 +
             scanf("%d" ,&d);
  7
  8
             11-0;
             while(i1<d)
  9
 10 -
 11
                 0=1;
 12
                 12=0;
                 if(i1%2==0)
 13
 14 -
                 {
 15
                     0=0;
 16
                 while(i2<d)
 17
18 +
19
                     c='B';
20
                     if(i2%2==0)
21 -
22
                         C='W';
23
                     printf("%c" ,c);
24
25
                    12++;
26
                11+=1;
27
28
                printf("\n");
29
            i=i+1;
30
31
32
```



Let's print a chessboard!

soft Edge

.

essboard.

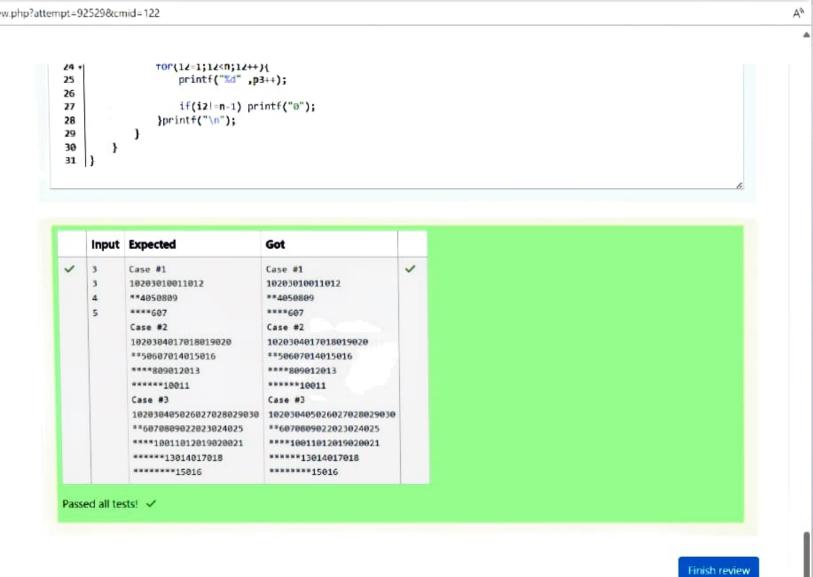
Question 2 Correct	Let's print a chessboard!	
Marked out of 5.00	Write a program that takes input:	
Flag question		
	The first line contains T, the number of test cases	
	Each test case contains an integer N and also the starting character of the chessboard	
	Output Format	
	Print the chessboard as per the given examples	
	Sample Input / Output	
	Input:	
	2	
	2 W	
	3 B	
	Output:	
	WB	
	BW	
	BWB	

```
chiatres. (penalty regime, 0 76)
      #include <stdio.h>
   2 - int main(){
           int T,d,i,i1,i2,0,2;
    3
    4
           char c,s;
           scanf("%d" ,&T);
    5
    6
           for(i=0;i<T;i++)
   7 .
    8
               scanf("%d %c" ,&d,&s);
    9
                for(i1=0;i1<d;i1++)
   10 .
   11
                    z=(5=='W') ? 0:1;
   12
                   0=(11%2==Z) ? 0:1;
   13
                    for(i2-0;i2<d;i2++)
   14 .
   15
                        c=(12%2==0) ? 'W' : 'B';
   16
                        printf("%c" ,c);
   17
                    printf("\n");
   18
   19
   20
   21
            return 0;
   22
       }
```



on-Coding: Attempt review REC-CIS - Personal - Microsoft Edge		- o x		
kshmicolleges.c	org/moodle/mod/quiz/review.php	p?attempt=92529&cmid=122		Α'n
				•
	Question 3 Correct	Decode the logic and print the Pattern that corresponds to given input.		
	Marked out of 7.00	If N= 3		
	Flag question			
		then pattern will be:		
		10203010011012		
		**4050809		
		****607		
		If N= 4, then pattern will be:		
		1020304017018019020		
		**50607014015016		
		****809012013		Ш
		*****10011		ı
		Constraints		
		2 <= N <= 100		
		Input Format		
		First line contains T, the number of test cases		
		Fach test case contains a single integer N		•

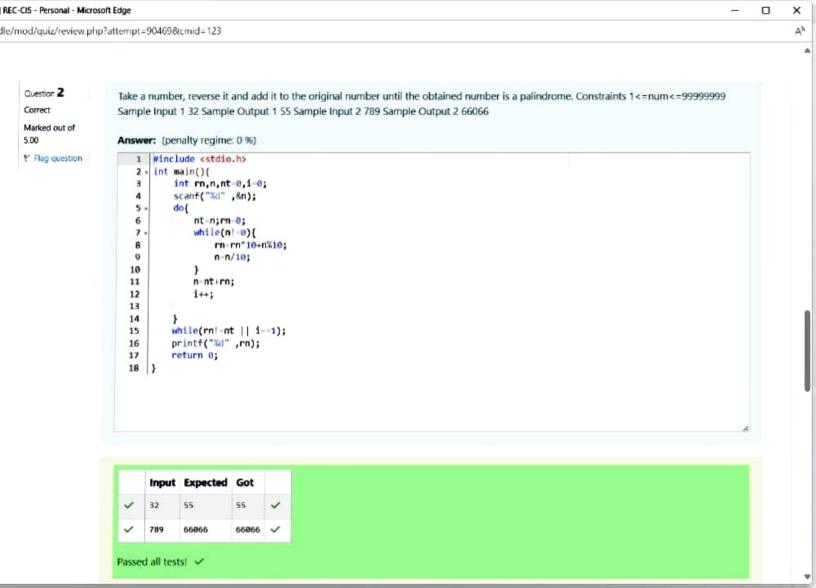
Answer: (penalty regime: 0 %) #include <stdio.h> 2 - int main(){ 3 int n,v,p3,c,in,i,i1,i2,t,ti; 4 scanf("%d" ,&t); for(ti=0;ti<t;ti++){ 5 + v=0; 6 scanf("%d" .&n); 7 printf("Case #%d\n" ,ti+1); 8 for(i=0;i<n;i++){ 9.+ 10 c=0; if(i>0){ 11 for(i1=0;i1<i;i1++) printf("**"); 12 13 14 + for(i1=i;i1<n;i1++){ 15 if(i>0) c++; printf("%d0" ,++v); 16 17 if(i==0){ 18 + $p3=v+(v^*(v-1))+1;$ 19 in=p3; 20 21 22 in=in-c; 23 p3=in; 24 + for(i2=i;i2<n;i2++){ 25 printf("%d" ,p3++); 26 if(i2!=n-1) printf("0"); 27 }printf("\n"); 28 29 30 31



Microsoft Edge

Finish review Question 1 Correct	The k-digit number N is an Armstrong number if and only if the k-th power of each digit sums to N.
Marked out of 3.00 Ye Flag question	Given a positive integer N, return true if and only if it is an Armstrong number.
† nag quesuon	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

```
#include <stdio.h>
2 - int main(){
 3
        int a,b=0,c,e=0;
 4
        scanf("%d" ,&a);
 5
        if(a<0)
 6
        a=-a;
 7
        c=a;
8 +
        while(c!=0){
9
            c/=10;
10
            e++;
11
12
        c=a;
13 +
        while(c!=0){
14
            int d=c%10;
15
            int f=1;
16 +
            for(int i=0;i<e;i++){
                f*=d;
17
18
19
            b+=f;
            c/=10;
20
21
22 -
        if(a==b){
23
            printf("true");
24
25
        else
26
        printf("false");
27
        return 0;
28
```



Questian 3 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 Correct lucky as they have other numbers in it. Marked out of 7.00 P Rag question 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:

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

```
1 #include (stdio.h)
2 + int con(int a){
        int c=a;
3
        while(c!-0){
4
5
            int d=c%10:
            if(d!=3 && d!=4) return 0;
6
7
            c/=10;
8
9
        return 1;
10
11 - int main(){
12
        int a,b-0;
13
```

scanf("%d" ,&a); while(a!=0){ b++; if(con(b)){

14 -15 16 + 17 a--;

18 19 20 printf("%d" ,b);

21 return 0; 22

23 1

Input Expected Got ~ 34 33344 33344 🗸

Passed all tests! <