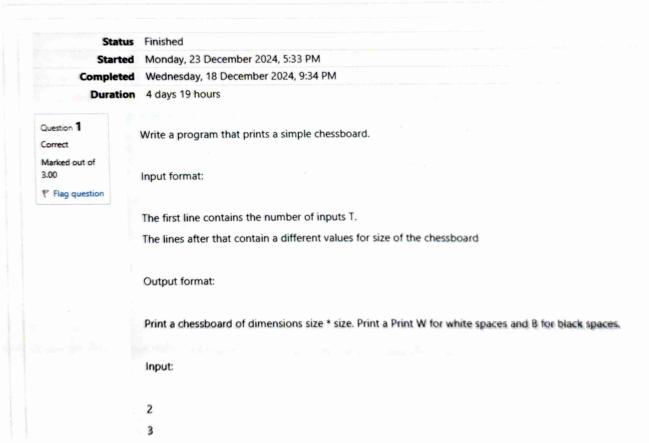
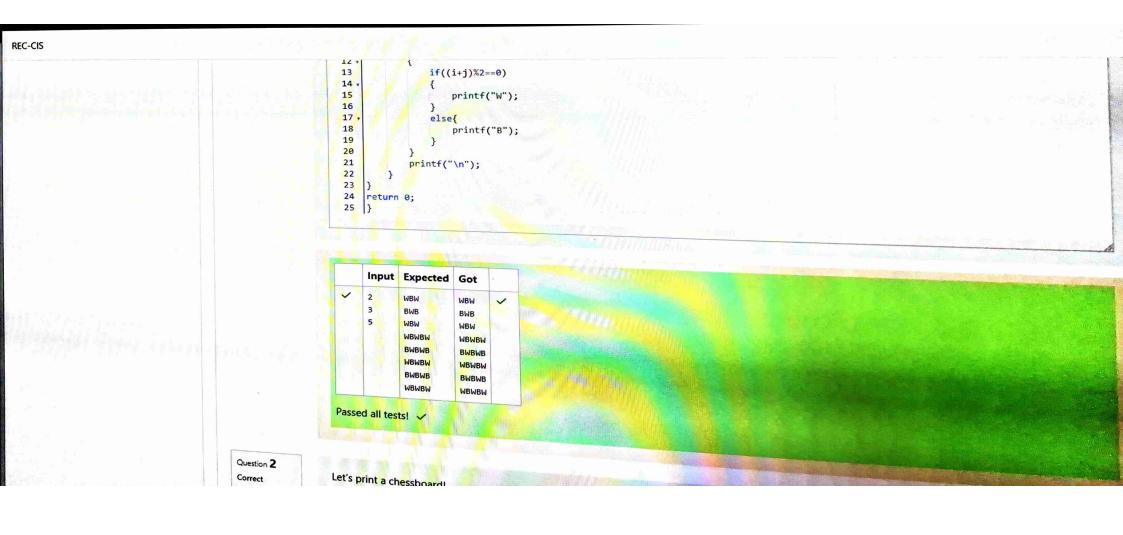
GE23131-Programming Using C-2024





```
REC-CIS
                                                           3
                                                           Output:
                                                           WBW
                                                           BWB
                                                           WBW
                                                           WBWBW
                                                           BWBWB
                                                           WBWBW
                                                            BWBWB
                                                            WBWBW
                                                            Answer: (penalty regime: 0 %)
                                                               1 #include<stdio.h>
                                                                  int main()
                                                               2
                                                               3 • {
                                                                  int t, size;
                                                                  scanf("%d",&t);
                                                                  while(t--)
                                                               6
                                                               7 . {
                                                                      scanf("%d",&size);
                                                                      for(int i=0;i<size;i++)</pre>
                                                              10
                                                              11
                                                                          for(int j=0;j<size;j++)</pre>
                                                              12 ,
                                                              13
                                                                              if((i+j)%2==0)
```

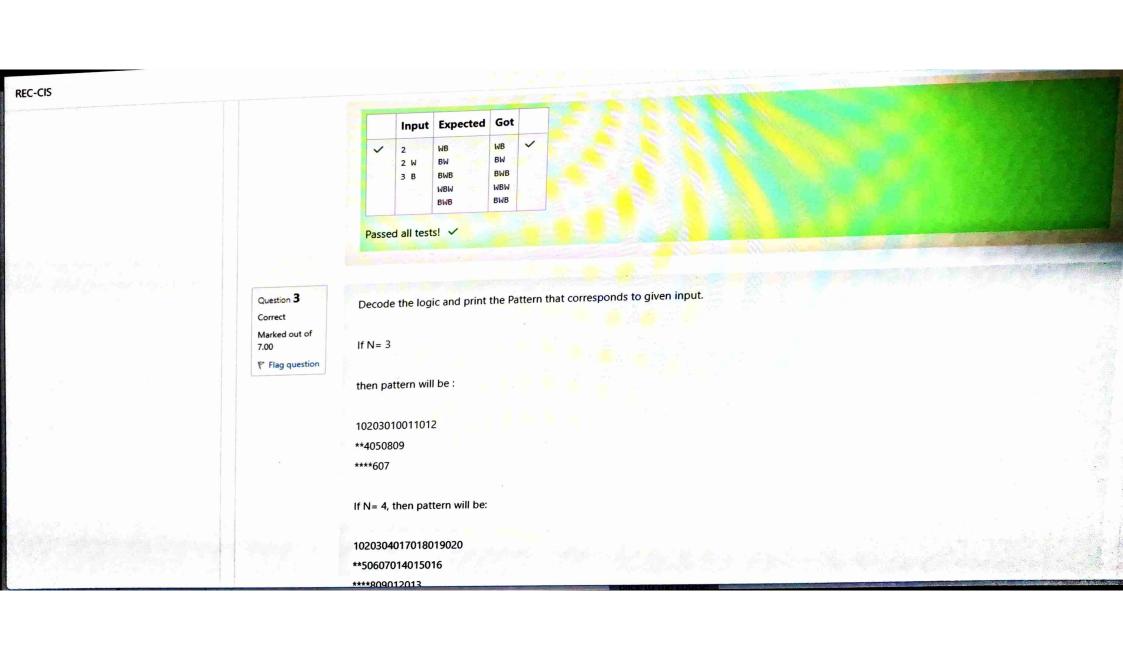


BWB WBW

BWB

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 + {
     int t;
      scanf("%d",&t);
5
      while(t--)
6
7 ,
8
          int n;
          char s;
          scanf("%d %c",&n,&s);
10
          char firsts=s;
11
          char secondchar=(s=='B')?'W':'B';
12
          for(int i=0;i<n;i++)</pre>
13
14
              for(int j=0;j<n;j++)</pre>
15
16
                  if((i+j)\%2==0)
17
18
                     printf("%c",firsts);
19
20
21
                  else{
                     printf("%c",secondchar);
22
23
24
25
              printf("\n");
26
27
28
      return 0;
29 }
```



△ Not secure rajalakshmicolleges.org/moodie/mod/quiz/review.pnp:attempt=120050ccmid=

REC-CIS

Constraints

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

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
 2 + int main(){
 3
        int n,v,p3,c,in,i,i1,i2,t,ti;
        scanf("%d",&t);
 4
 5 .
        for(ti=0;ti<t;ti++){</pre>
 6
            scanf("%d",&n);
7
 8
            printf("Case #%d\n",ti+1);
            for(i=0;i<n;i++){
10
               c=0;
```

```
REC-CIS
```

```
if(i>0){}
11 +
                   for(i1=0;i1<i;i1++)printf("**");
12
13
               for(i1=i;i1<n;i1++){
14 +
                   if(i>0)c++;
15
                   printf("%d0",++v);
16
17
               if(i==0){
18
                   p3=v+(v*(v-1))+1;
19
                   in=p3;
20
21
22
               in=in-c;
               p3=in;
23
               for(i2=i;i2<n;i2++){
24 .
25
                   printf("%d",p3++);
                   if(i2!=n-1) printf("0");
26
               }printf("\n");
27
28
29
30
    return 0;
31
32
33
34
```

| | Input | Expected | Got | |
|---|-------|---------------------|---------------------|------------|
| ~ | 3 | Case #1 | Case #1 | ~ |
| | 3 | 10203010011012 | 10203010011012 | |
| | 4 | **4050809 | **4050809 | |
| | 5 | ****607 | ****607 | |
| | | Case #2 | Case #2 | |
| | | 1020304017018019020 | 1020304017018019020 | |
| | | **50607014015016 | **50607014015016 | |
| | | ****809012013 | ****809012013 | |
| | | ******10011 | 5888810011 | 新国教 |

