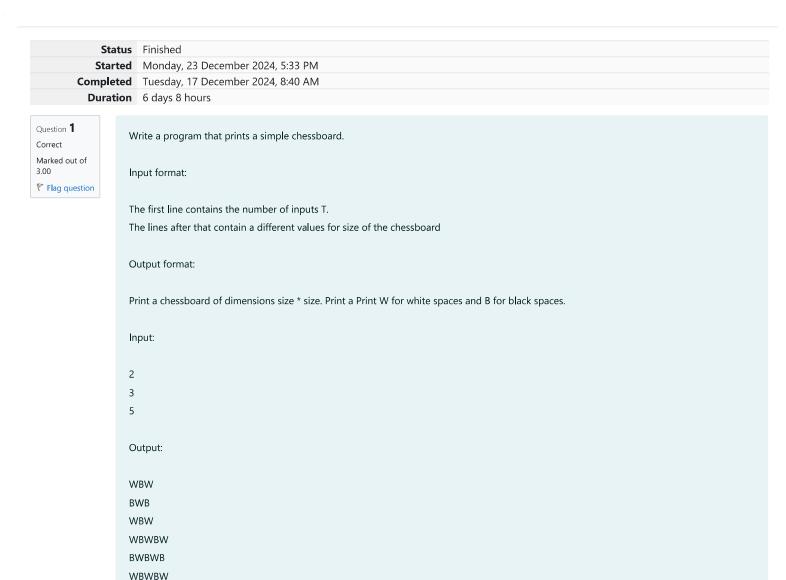
GE23131-Programming Using C-2024





BWBWB WBWBW

```
int main(){
         int T,d,i=0,i1,i2,o;
 4
         char c;
5
         scanf("%d",&T);
         while(i<T){</pre>
              scanf("%d",&d);
8
              i1=<mark>0</mark>;
9
              while(i1<d){</pre>
10
                  o=1;
11
                  i2=0;
12
                  if(i1%2==0){
13
                      o=<mark>0</mark>;
14
15
                  while(i2<d){</pre>
16
                      c='B';
17
                  if(i2%2==o){
18
                      c='W';
19
20
                  printf("%c",c);
21
                  i2++;
22
23
             i1++;
24
              printf("\n");}
25
         i++;
26
27 }
```

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

Let's print a chessboard!

Write a program that takes input:

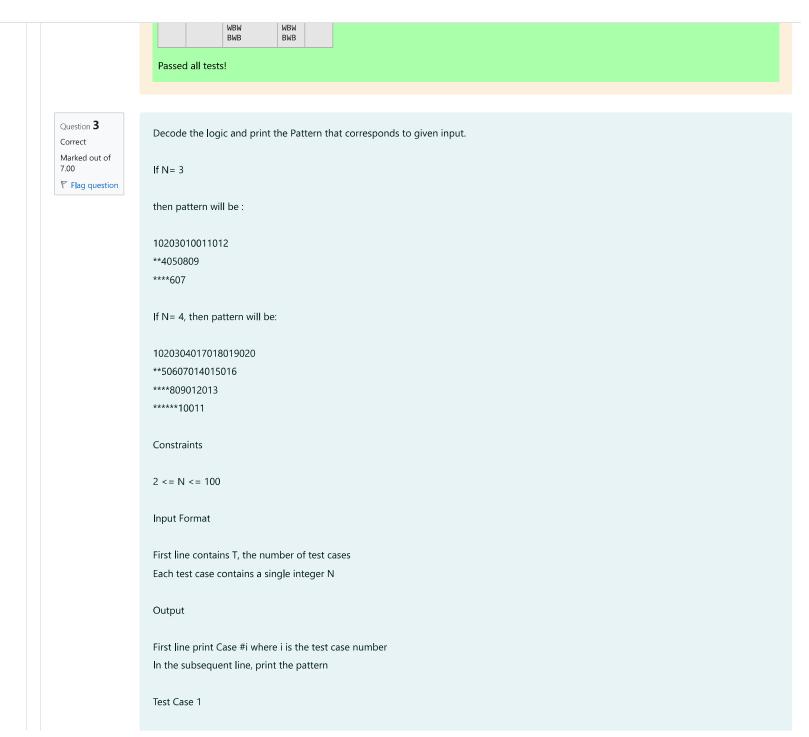
The first line contains T, the number of test cases

Each test case contains an integer N and also the starting character of the chessboard

Output Format

```
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,i1,i2,o,z;
           char c,s;
           scanf("%d",&T);
           for(i=0;i<T;i++){</pre>
               scanf("%d %c",&d,&s);
               for(i1=0;i1<d;i1++){</pre>
   8
   9
                   z=(s=='W') ? 0:1;
                  o=(i1%2==z)?0:1;
  10
  11
                   for(i2=0;i2<d;i2++){</pre>
  12
                       c=(i2%2==o)?'W':'B';
  13
                       printf("%c",c);
  14
  15
                   printf ("\n");
  16
               }
  17
  18
           return 0;
  19
```

Input	Expected	Got	
2 2 W	WB BW	WB BW	



```
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 %)
   1 #include <stdio.h>
   2 int main(){
      int n,v,p3,c,in,i,i1,i2,t,ti;
      scanf("%d",&t);
   5
       for(ti=0;ti<t;ti++){</pre>
   6
           v=0;
           scanf("%d",&n);
   7
           printf("Case #%d\n",ti+1);
   8
   9
           for(i=0;i<n;i++){</pre>
  10
               c=0;
  11
               if(i>0){
  12
                   for(i1=0;i1<i;i1++) printf("**");}</pre>
  13
                   for(i1=i;i1<n;i1++){</pre>
  14
                       if(i>0) c++;
  15
                       printf("%d0",++v);
  16
                   }if(i==0){
  17
                       p3=v+(v*(v-1))+1;
  18
                       in=p3;
  19
  20
                   in=in-c;
  21
                   p3=in;
  22
                   for(i2=i;i2<n;i2++){</pre>
  23
                       printf("%d",p3++);
  24
                       if(i2!=n-1) printf("0");
```

28 } 29 } 30

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	*****10011
	Case #3	Case #3
	102030405026027028029030	102030405026027028029030
	**6070809022023024025	**6070809022023024025
	****10011012019020021	****10011012019020021
	*****13014017018	*****13014017018
	******15016	*******15016

Passed all tests!

