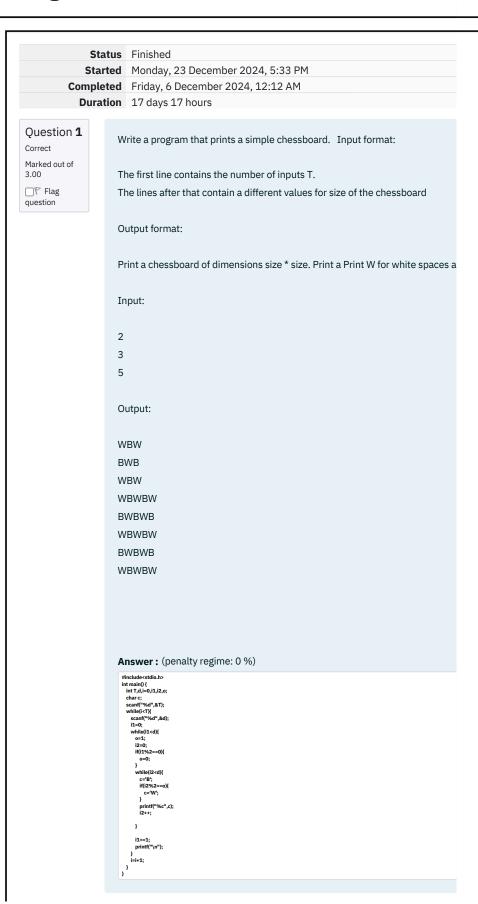
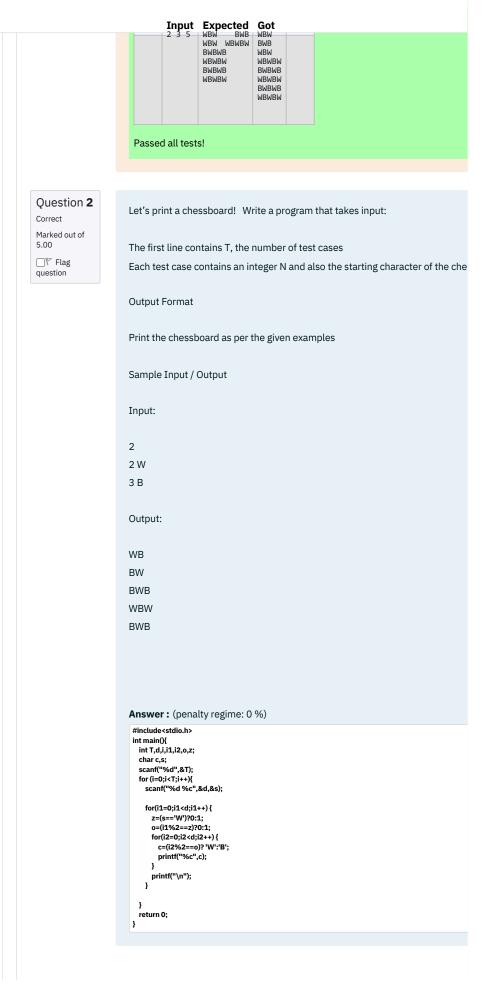
## GE23131-Programming Using C-2024





**REC-CIS** 



**REC-CIS** BWB Passed all tests! Question 3 Decode the logic and print the Pattern that corresponds to given input. Correct If N= 3 Marked out of □ Flag then pattern will be: question 10203010011012 \*\*4050809 \*\*\*\*607 If N= 4, then pattern will be: 1020304017018019020 \*\*50607014015016 \*\*\*\*809012013 \*\*\*\*\*10011 Constraints 2 <= N <= 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

REC-CIS

```
1020304017018019020
                                        **50607014015016
                                        ****809012013
                                        *****10011
                                        Case #3
                                        102030405026027028029030
                                        **6070809022023024025
                                        ****10011012019020021
                                        *****13014017018
                                        ******15016
                                        Answer: (penalty regime: 0 %)
                                        ffinclude cstdio.h>
int main() {
    int n,up3,ci,in,i,i1,i2,t,ti;
    scanf("sd", 80;
    for(i=0;ti<ti+t)
    v=0;
    scanf("%d", 8n);
    printf("case #%d(n",ti+1);
    c=0;
    if()=0) {
        for(i=0;ti<ti+t);
        c=0;
    if()=0) {
        for(i=0;ti<ti+t);
        c=0;
    if()=0) {
        for(i1=0;ti<ti+t);printf("**");
    }
                                            }
for(i1=i;i1<n;i1++){
    if(i>0)c++;
    printf("%d0",++v);
                                           print( '980', '**0');

iff(==0){
    p3=v+(v*(v-1))+1;
    in=p3;
}

in=in-c;
    p3=in;

for (12=i;2<n;12++){
    printf("%d",p3++);
    if(|2!=n-1)printf("0");
}
                                            printf("\n");
                                                         Input Expected
                                                                                                                                  Got
                                                              Passed all tests!
Save the state of the flags
```