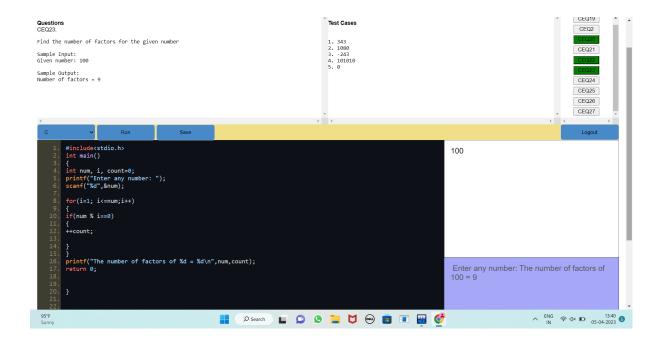
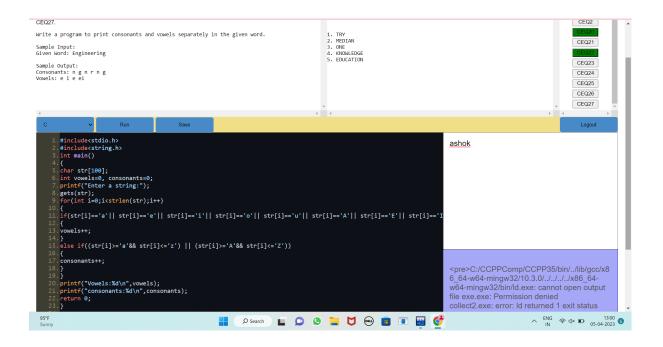
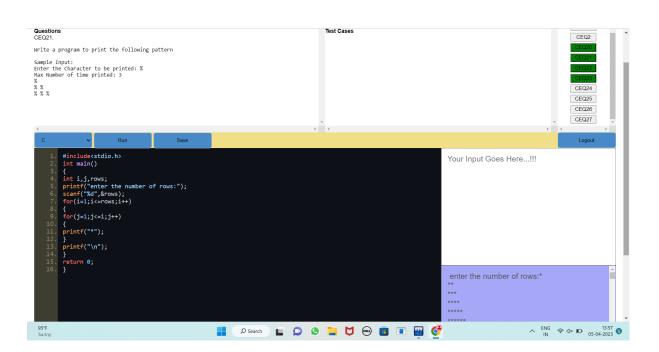
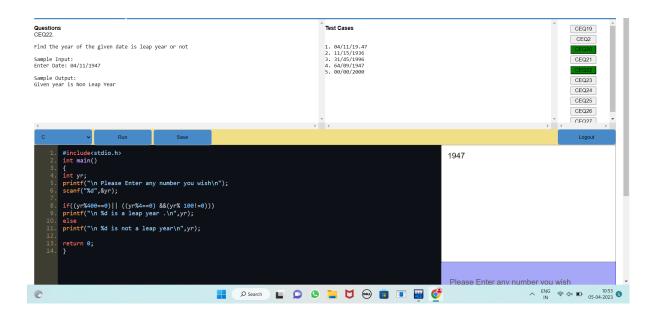
## **DAY 2 PRACTICE**













```
EQ19.
                                                                                                                    CEQ20
ind the Mean, Median, Mode of the array of numbers?
ample Input;:
rray of elements = {16, 18, 27, 16, 23, 21, 19}
                                                                                                                                                                                                                         CEQ23
ample Output:
ean = 20
edian = 19
ode = 16
                                                                                                                                                                                                                        CEQ24
                                                                                                                                                                                                                         CEQ25
                                                                                                                                                                                                                        CEQ26
                                                                                                                                                                                                                       CEQ27
         #include<stdio.h>
#include<stdlib.h>
int main(){
  int n,i,j,temp,sum=0,mode=0,count=0;
                                                                                                                                                                      18
         float mean, median;
printf("Enter the size of array:\n");
scanf("%d",%n);
int "arr=(int") malloc(n"sizeof(int));
printf("Enter the array elements:\n");
for(i=0;i<n;i++) {
          {
scanf("%d",&arr[i]);
sum+=arr[i];
                                                                                                                                                                       Enter the size of array:
                                                                                                                                                                      Enter the array elements:
Mean =64857720.00
```

```
for(i=0;i<n-1;i++) {
    for(j=i+1;j<n;j++) {
        if(arr[i]>arr[j]) {
               temp=arr[i];
                arr[i]=arr[j];
                arr[j]=temp;
     }
if(n%2==0) {
27. ii
28.
29. }
        median=(arr[n/2-1]+arr[n/2])/2;
30. else {
31. med
32. }
33. // mode
            median=arr[n/2];
     for(i=0;i<n;i++)
36. count =0;
37. for(j=1;j<n;j++)</pre>
     {
if(arr[i]==arr[j])
40. {
      count++;
      if(count>mode)
      mode =count;
```

