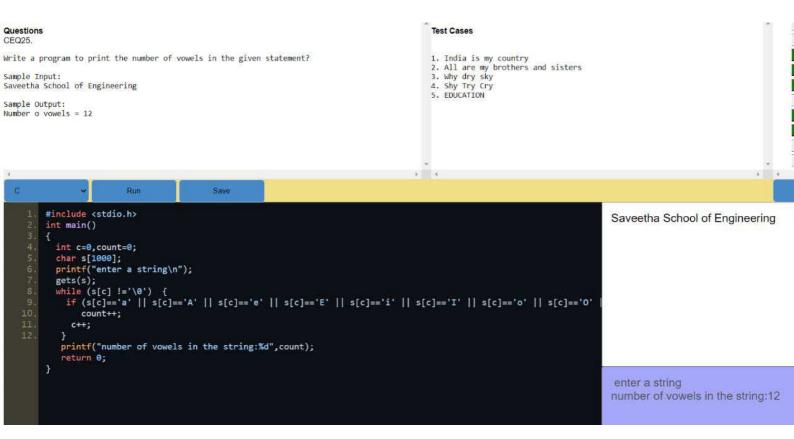
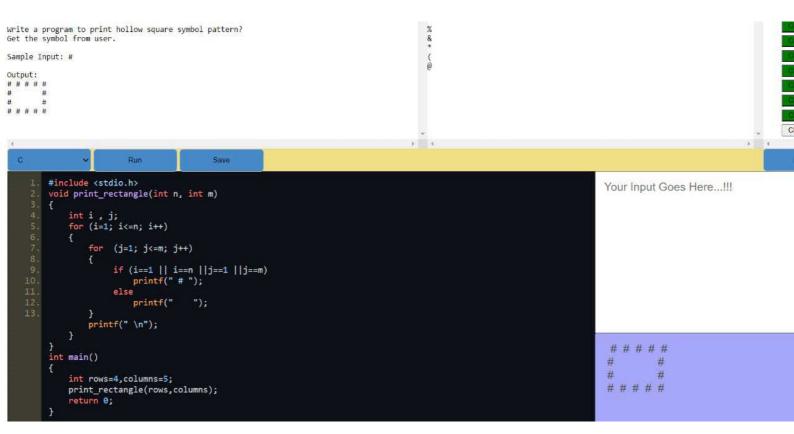
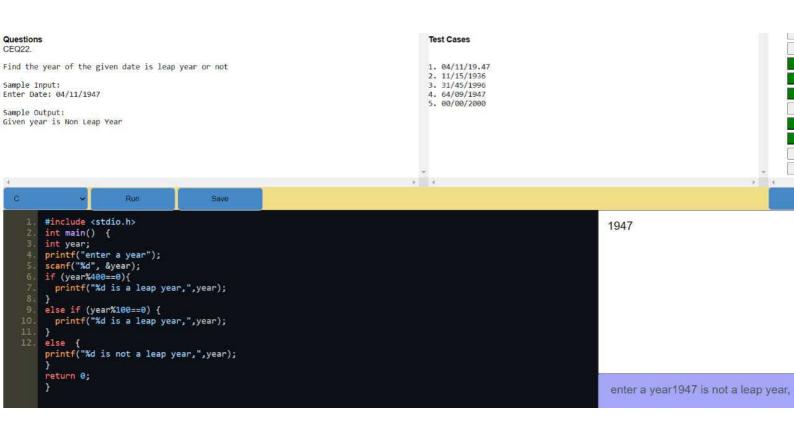
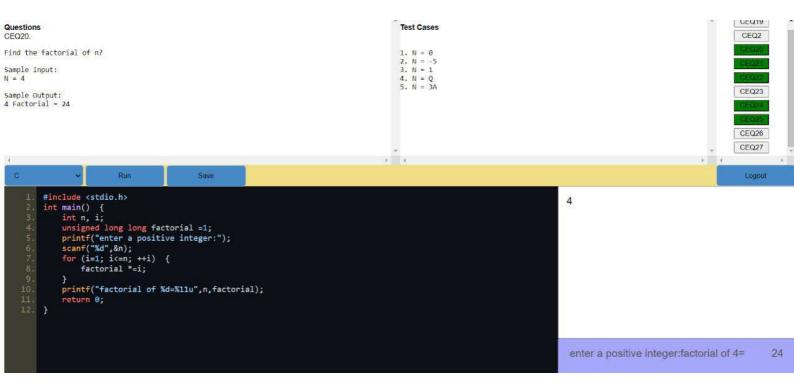
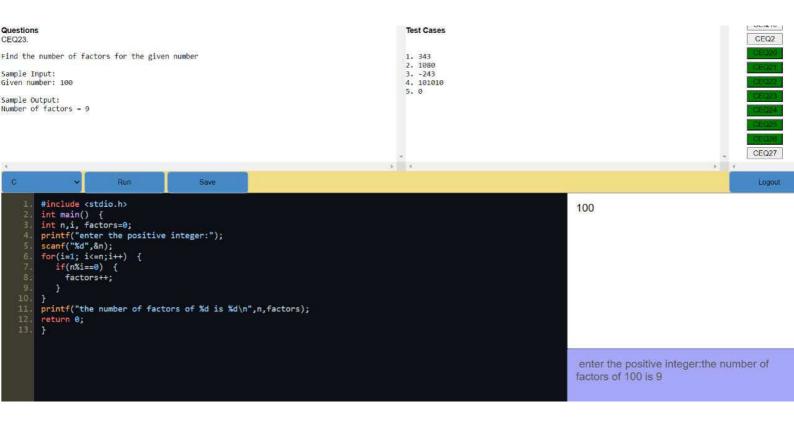
## Pagidala Madeena 192211011

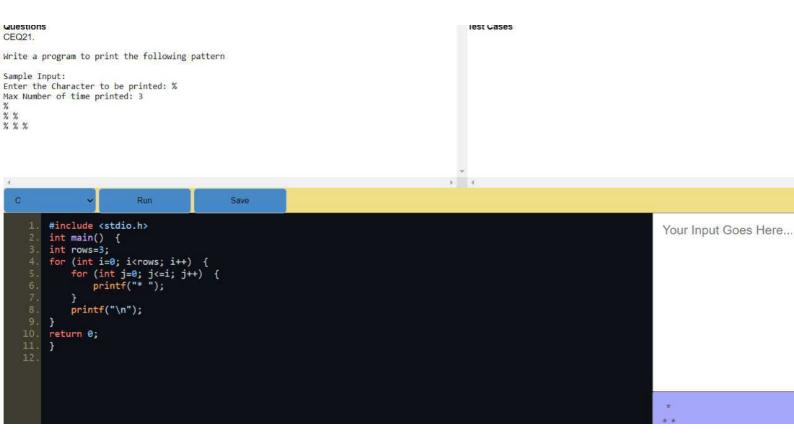






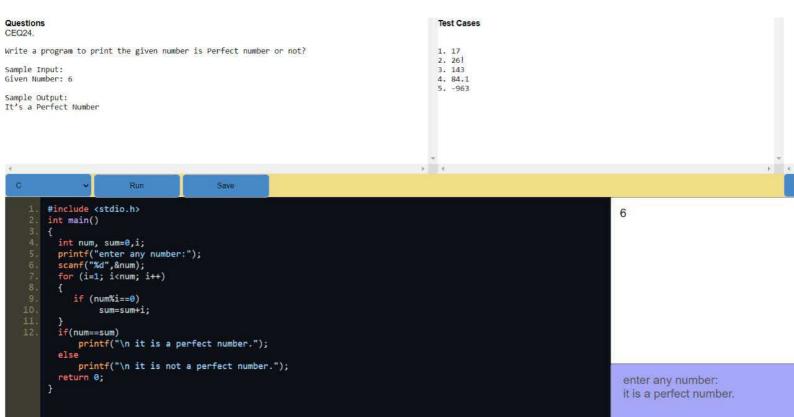






```
1. #include<stdio.h>
2. #include<string.h>
3. #include<ctype.h>
4. int main() {
5. char word[100];
6. int len, i;
7. printf("enter a word:");
8. scanf("%s",word);
9. len=strlen(word);
10. printf("consonants: ");
11.
12. for(i=0;i<len;i++) {
13. if(isalpha(word[i]) && Istrchr("AEIOUaeiou",word[i])) {
14. printf("%c",word[i]);
15. }
16. }
17. printf("\nvowels: ");
18. for(i=0;i<len;i++) {
19. if (isalpha(word[i]) && strchr("AEIOUaeiou",word[i])) {
20. printf("%c",word[i]);
21. }
22. }
23. return 0;
24. }
25.</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    knowledge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      enter a word:consonants: knwldg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    vowels; oee
```

Logout



```
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
                                                                                                                                                                                        CEQ24
edian = 19
ode = 16
                                                                                                                                                                                        CEQ25
                                                                                                                                                                                        CEQ26
                                                                                                                                                                                        CEQ27
                                                                                                                                                                                          Logout
       #include<stdio.h>
#include<stdlib.h>
                                                                                                                                              16
                                                                                                                                             18
        int main(){
        int n,i,j,temp,sum=0,mode=0,count=0;
       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++)</pre>
        scanf("%d",&arr[i]);
sum+=arr[i];
                                                                                                                                              Enter the size of array:
                                                                                                                                             Enter the array elements:
        mean=(float)sum/n;
                                                                                                                                             Mean =64857720.00
```

```
18.
19.
      for(i=0;i<n-1;i++) {
         for(j=i+1;j<n;j++) {</pre>
             if(arr[i]>arr[j]) {
               temp=arr[i];
               arr[i]=arr[j];
               arr[j]=temp;
         }
26. }
27. if(n%2=
28. media
29. }
30. else {
     if(n%2==0) {
        median=(arr[n/2-1]+arr[n/2])/2;
            median=arr[n/2];
32. }
33. // mode
34. for(i=0;i<n;i++)
35. {
     count =0;
37. for(j=1;j<n;j++)
38. {
39. if(arr[i]==arr[j])
40. {
41. count++;
44. if(count>mode)
45. {
46. mode =count;
```

