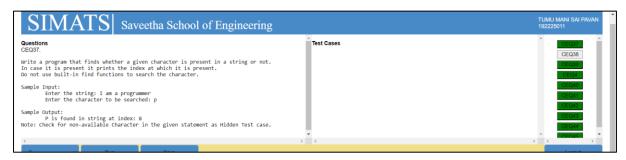
C PROGRAMMING – 12/04/2023

Name: shreyas

Reg No: 192212014

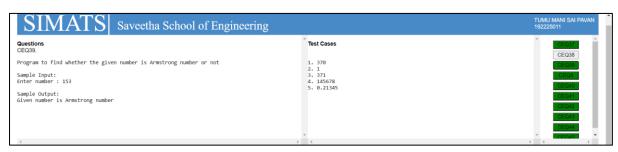
<u>Qn :1</u>



```
1. #includecstdio.h>
2. #includecstdio.h>
3. int main()
4. {
5. char sen[100]="";
6. int i;
7. printf("finter your senetence : ");
8. gets(sen);
9. for(i=0;icsizeof(sen);i++){
10. if(sen[i]== p_){
11. printf("P is found in string at index : %d", i);
12. }
13. }

Enter your senetence : P is found in string at index : 7
```

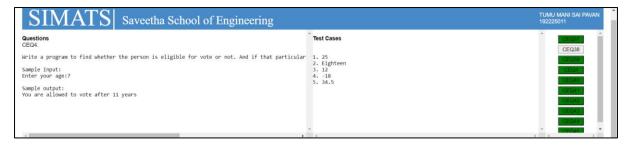
Qn:2



```
1. #includecstdio.h>
2. int main()
3. {
4. int num, sum=0, digit;
5. print("Enter your number: ");
6. scanf("Ma", sum);
7. while(num){
8. digit=numXi0;
9. sum+=(digit*digit*digit);
10. num/=10;
11. }
12. if(sum=153){
printf("Its an Armstrong number");}
else(
printf("Its not an Armstrong number");}
}

Enter your number: Its an Armstrong number
```

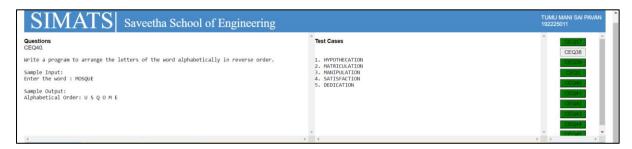
Qn:3



```
#includecstdio.h>
2. int main()
3. {
4. int age;
5. printf("Enter your age: ");
6. scanf("%a", &age);
7. if(age=18){
8. }
9. else{
10. printf("You are allowed to vote after %d years", (18-age));
11. }
12. }
13.

Enter your age: You are allowed to vote after 3 years
```

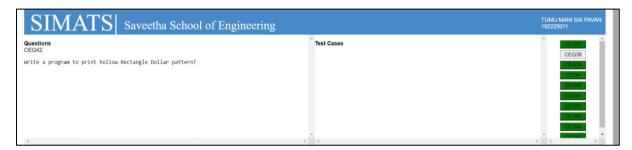
Qn:4



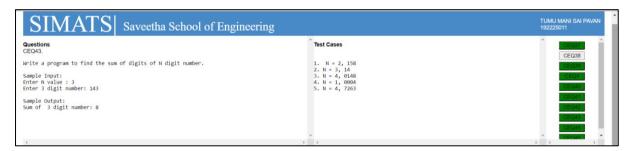
```
1. #includecstdio.h>
2. #includecstring.h>
3. int main()
4. {
5. char alp[100] = ('A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','C', char sen[100]="";
7. printf('Enter your sentence : ");
8. scanf('%a'', sen);
9. int i,j;
10. for([set;len(alp);i>=0;i--){
11. for([set;len(alp);i>=0;i--){
12. if(sen[j]==alp[i]){
13. printf('%c'', sen[j]);
}
}

Enter your sentence : USQOME
```

<u>Qn :5</u>



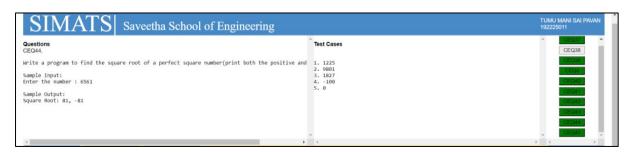
Qn:6



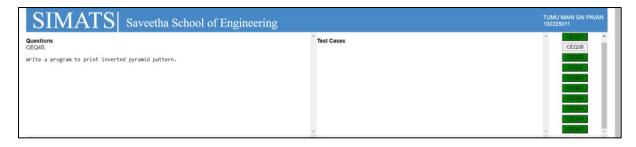
```
1. #includecstdio.h>
2. int main()
3. {
4. int sum_digit_num;
5. printf("Enter your number : ");
6. scanf("%d", %num);
7. while(num)
8. {
9. digit=num%i0;
10. sum+=digit;
11. num/=10;
12. }
13. printf("%d", sum);
14. }
15.
16.
17.
18

Enter your number: 8
```

<u>Qn :7</u>



<u>Qn :8</u>



```
1. #includecstdio.h>
2. int main()
3. {
4. int i, j;
5. printf("\n");
6. for(i=j:46;i++){
7. for(j=j:46;i++){
9. printf("\n");
11. }
12. }
13. 14.
15. 16.
17. 18. 19. 20.
```