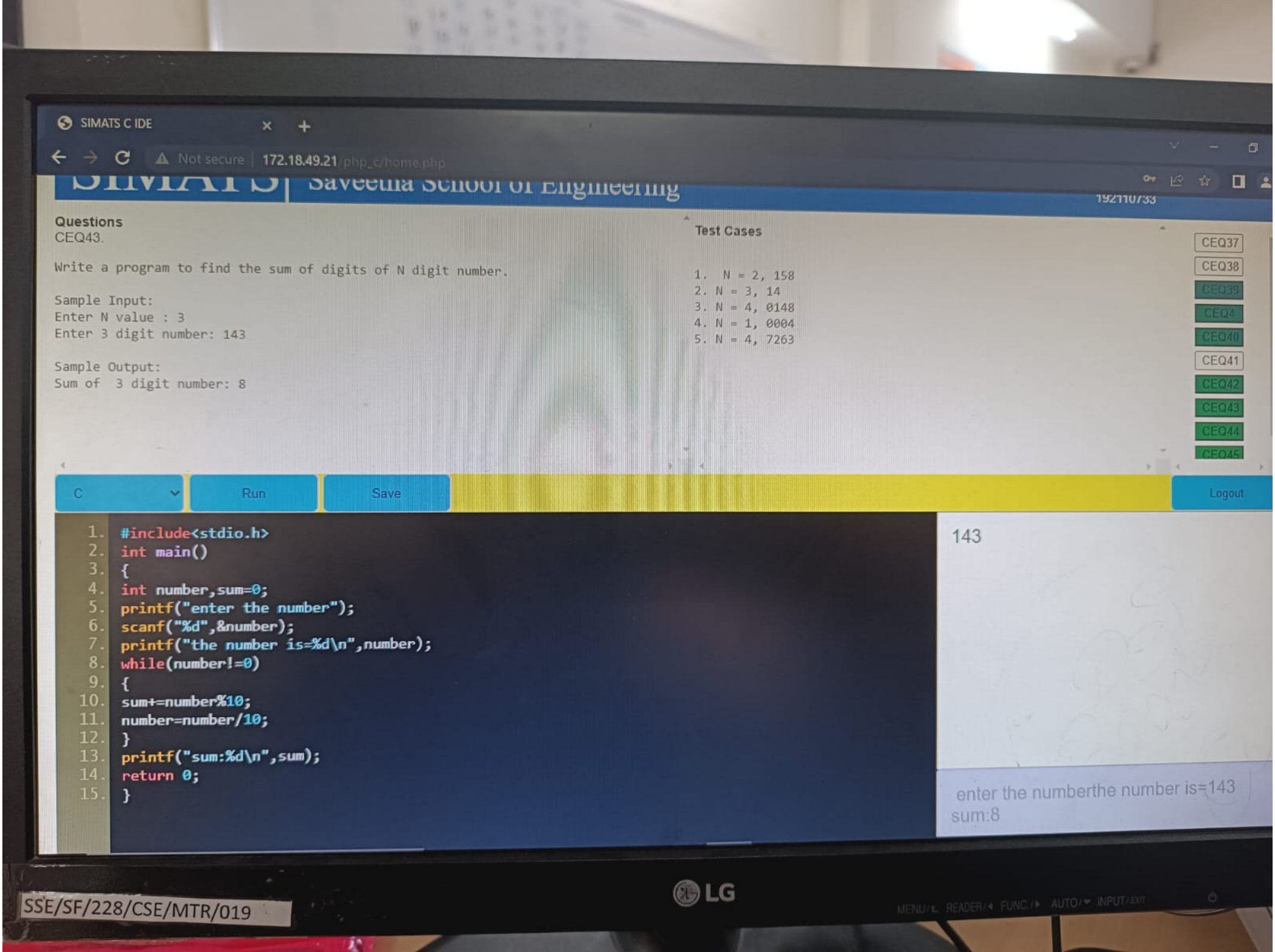
SIMATS C IDE
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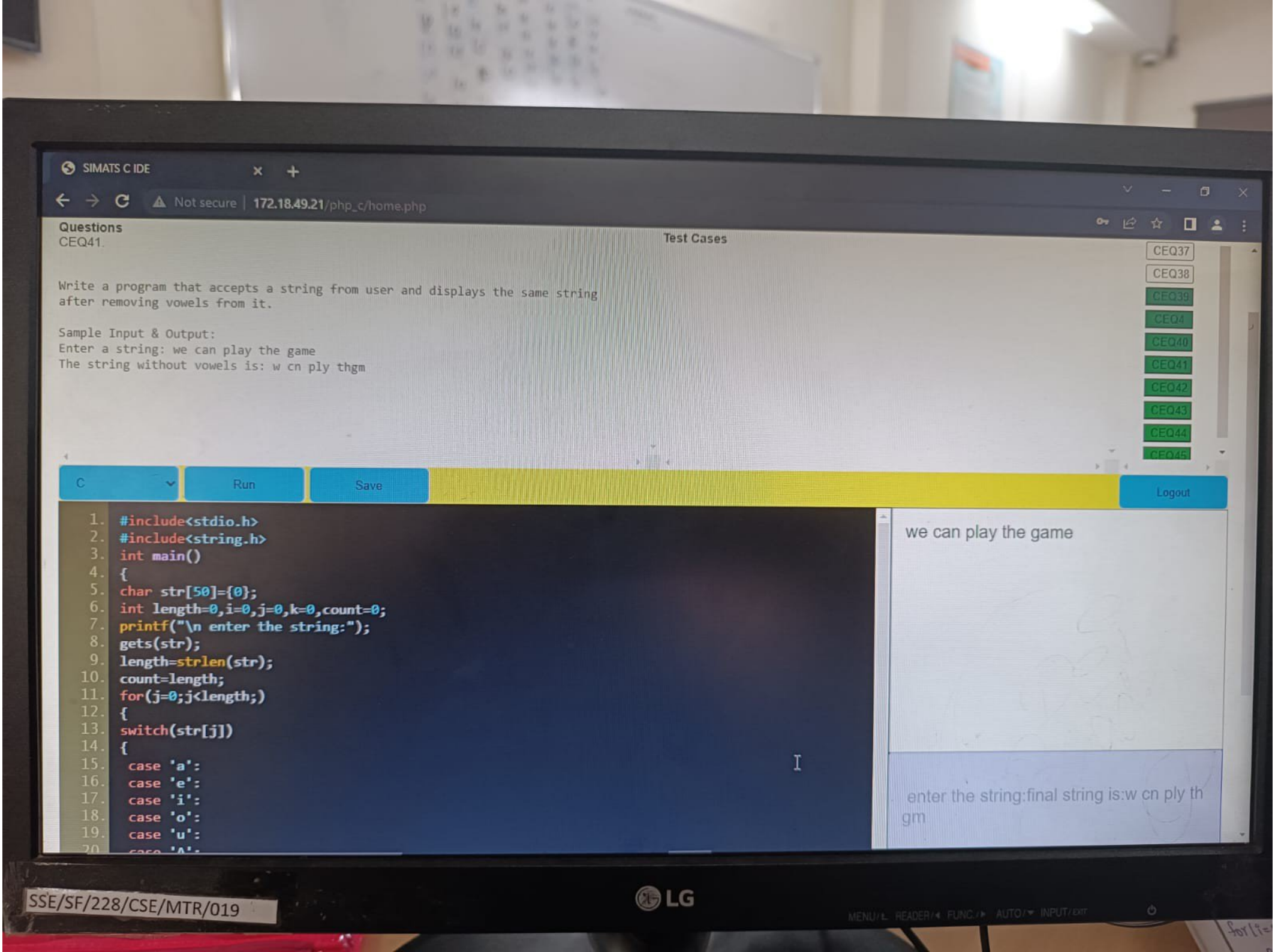
Saveetha School of Engineering
192110733
Questions
CEQ43.
Write a program to find the sum of digits of N digit number.
Sample Input:
Enter N value : 3
Enter 3 digit number: 143
Sample Output:
Sum of 3 digit number: 8
Test Cases
1. N = 2, 158
2. N = 3, 14
3. N = 4, 0148
4. N = 1, 0004
5. N = 4, 7263
CEQ37
CEQ38
CEQ39
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
C
Run
Save
Logout
#include<stdio.h>
int main()
{
int number,sum=0;
printf("enter the number");
scanf("%d",&number);
printf("the number is=%d\n",number);
while(number!=0)
{
sum+=number%10;
number=number/10;
}
printf("sum:%d\n",sum);
return 0;
}
143
enter the numberthe number is=143
sum:8
LG
SSE/SF/228/CSE/MTR/019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Questions
CEQ41.
Write a program that accepts a string from user and displays the same string
after removing vowels from it.
Sample Input & Output:
Enter a string: we can play the game
The string without vowels is: w cn ply thgm
Test Cases
CEQ37
CEQ38
CEQ39
CEQ4
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
CEQ45
C
Run
Save
Logout
#include<stdio.h>
#include<string.h>
int main()
{
char str[50]={0};
int length=0,i=0,j=0,k=0,count=0;
printf("\n enter the string:");
gets(str);
length=strlen(str);
count=length;
for(j=0;j<length;)
{
switch(str[j])
{
case 'a':
case 'e':
case 'i':
case 'o':
case 'u':
we can play the game
enter the string:final string is:w cn ply th
gm
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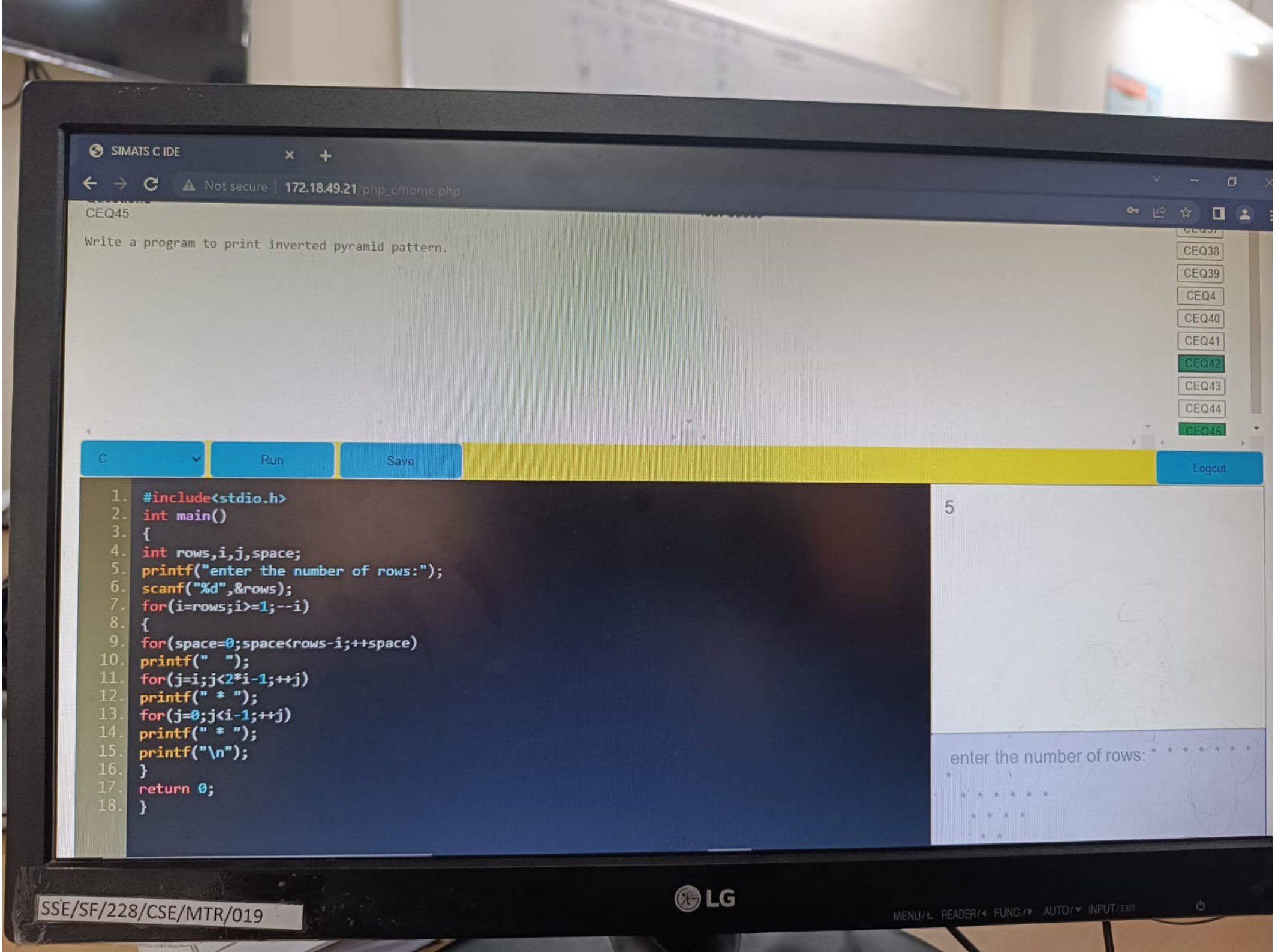
LG


SIMATS C IDE
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CEQ45.
Write a program to print inverted pyramid pattern.
CEQ38
CEQ39
CEQ4
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
CEQ45
C
Run
Save
Logout
#include<stdio.h>
int main()
{
int rows,i,j,space;
printf("enter the number of rows:");
scanf("%d",&rows);
for(i=rows;i>=1;--i)
{
for(space=0;space<rows-i;++space)
printf(" ");
for(j=i;j<2*i-1;++j)
printf(" * ");
for(j=0;j<i-1;++j)
printf(" * ");
printf("\n");
}
return 0;
}
5
enter the number of rows:
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LG
MENU/ READER/ FUNC./ AUTO/ INPUT/EXIT

SIMATS C IDE

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Questions

CEQ40.

Write a program to arrange the letters of the word alphabetically in reverse order.

Sample Input:
Enter the word : MOSQUE

Sample Output:
Alphabetical Order: U S Q O M E

Test Cases

1. HYPOTHECATION
2. MATRICULATION
3. MANIPULATION
4. SATISFACTION
5. DEDICATION

CEQ37 CEQ38 CEQ39 CEQ4 CEQ40 CEQ41 CEQ42 CEQ43 CEQ44 CEQ45

C | Run | Save | Logout

```c
#include<stdio.h>
int main()
{
char char1='m';
char char2='o';
char char3='s';
char char4='q';
char char5='u';
char char6='e';
printf("the reverse of %c%c%c%c%c%c is %c%c%c%c%c%c\n",char1,char2,char3,char4,char5,char6,char6,c
return 0;
}
```

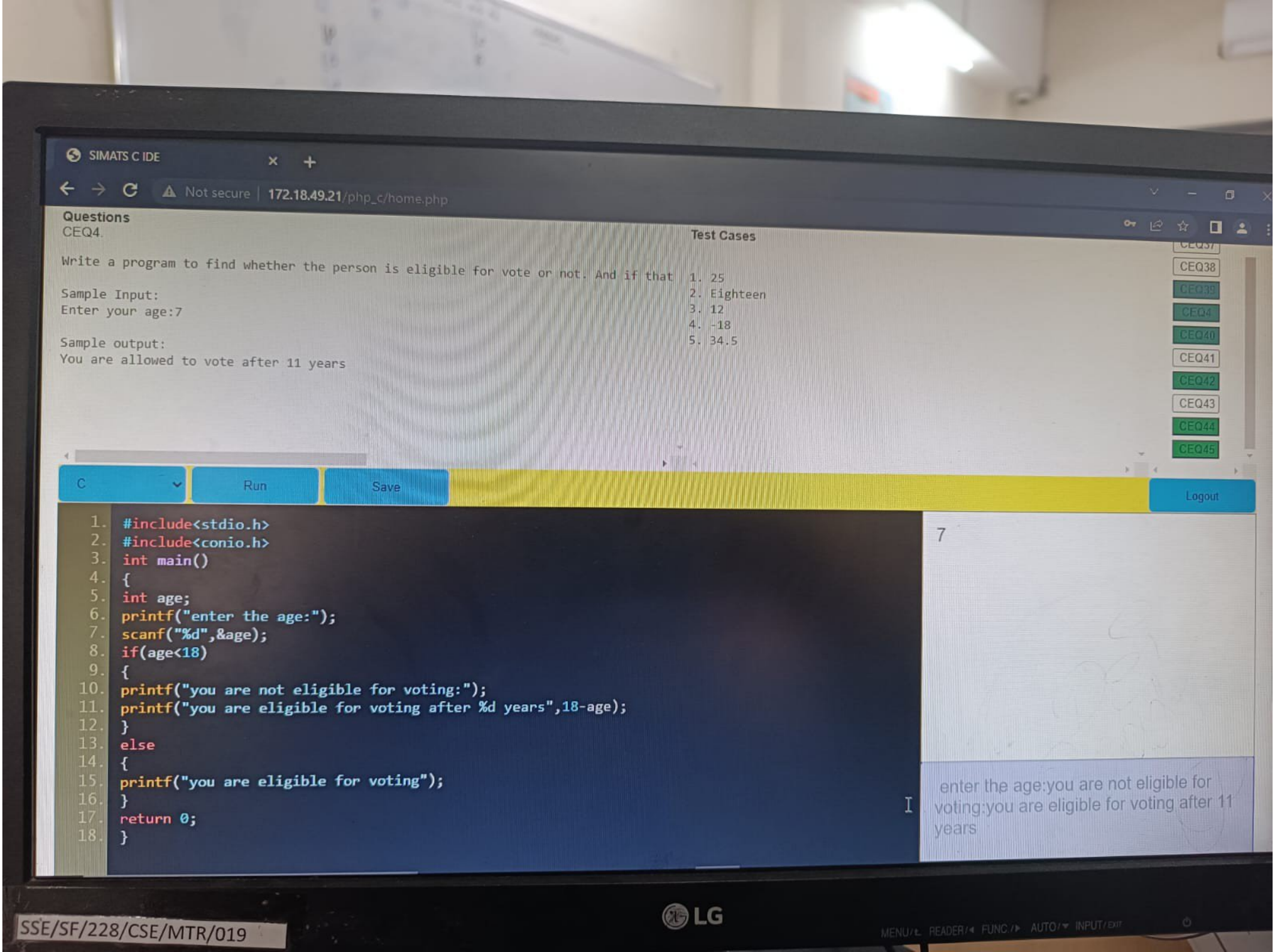
mousque

the reverse of mosque is euqsom

SE/SF/228/CSE/MTR/019

LG

MENU/L READER/◀ FUNC./▶ AUTO/▼ INPUT/Exit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Questions
CEQ4.
Write a program to find whether the person is eligible for vote or not. And if that
Sample Input:
Enter your age:7
Sample output:
You are allowed to vote after 11 years
Test Cases
1. 25
2. Eighteen
3. 12
4. -18
5. 34.5
CEQ38
CEQ39
CEQ4
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
CEQ45
C
Run
Save
Logout
#include<stdio.h>
#include<conio.h>
int main()
{
int age;
printf("enter the age:");
scanf("%d",&age);
if(age<18)
{
printf("you are not eligible for voting:");
printf("you are eligible for voting after %d years",18-age);
}
else
{
printf("you are eligible for voting");
}
return 0;
}
7
enter the age:you are not eligible for voting:you are eligible for voting after 11 years
LG
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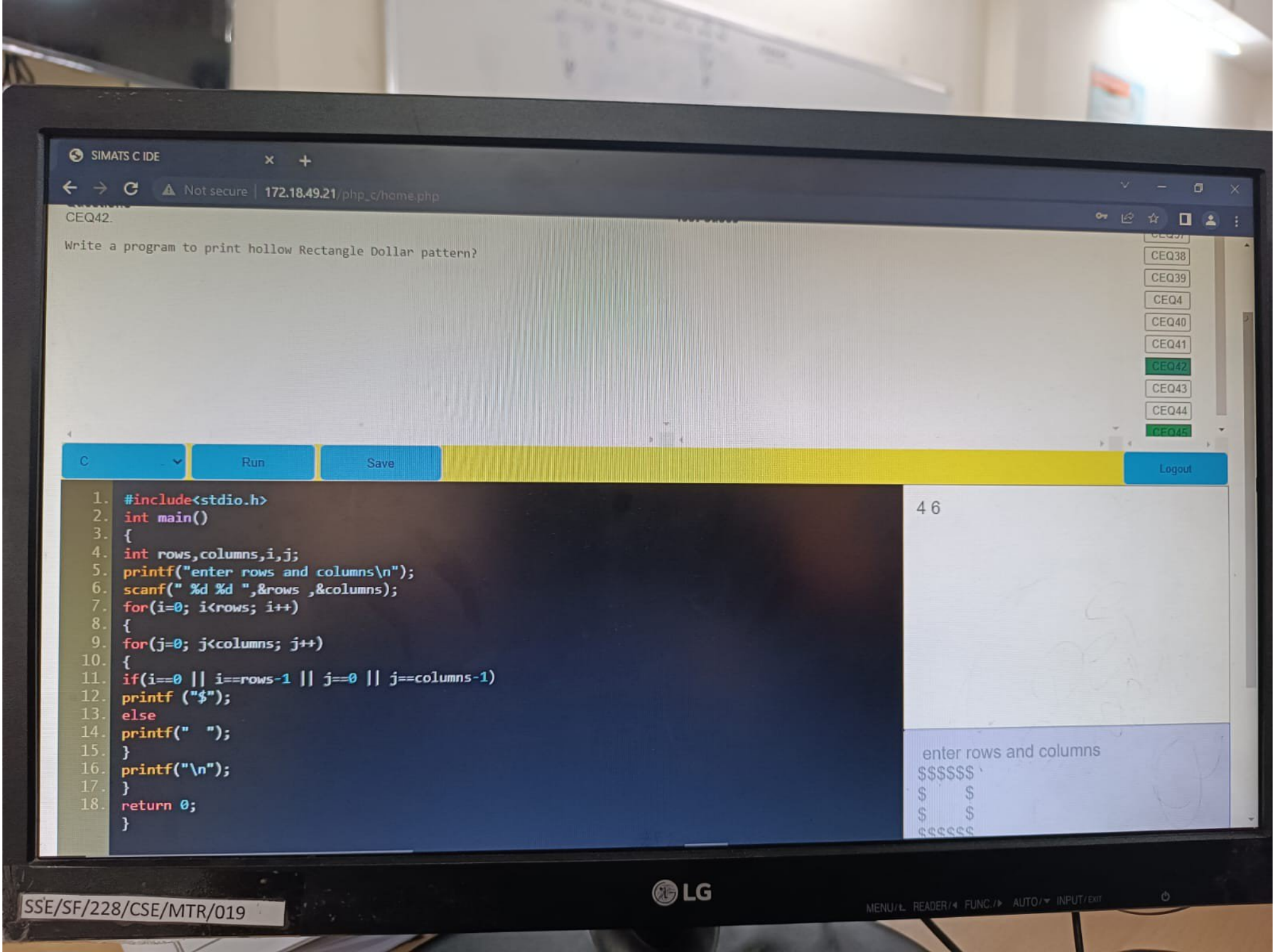
SIMATS C IDE
Not secure | 172.18.49.21/php_c/home.php
CEQ42.
Write a program to print hollow Rectangle Dollar pattern?
CEQ38
CEQ39
CEQ4
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
CEQ45
C
Run
Save
Logout
#include<stdio.h>
int main()
{
int rows,columns,i,j;
printf("enter rows and columns\n");
scanf(" %d %d ",&rows ,&columns);
for(i=0; i<rows; i++)
{
for(j=0; j<columns; j++)
{
if(i==0 || i==rows-1 || j==0 || j==columns-1)
printf ("$");
else
printf(" ");
}
printf("\n");
}
return 0;
}
4 6
enter rows and columns
$$$$$
$ $
$ $
LG
MENU READER FUNC. AUTO INPUT EXIT
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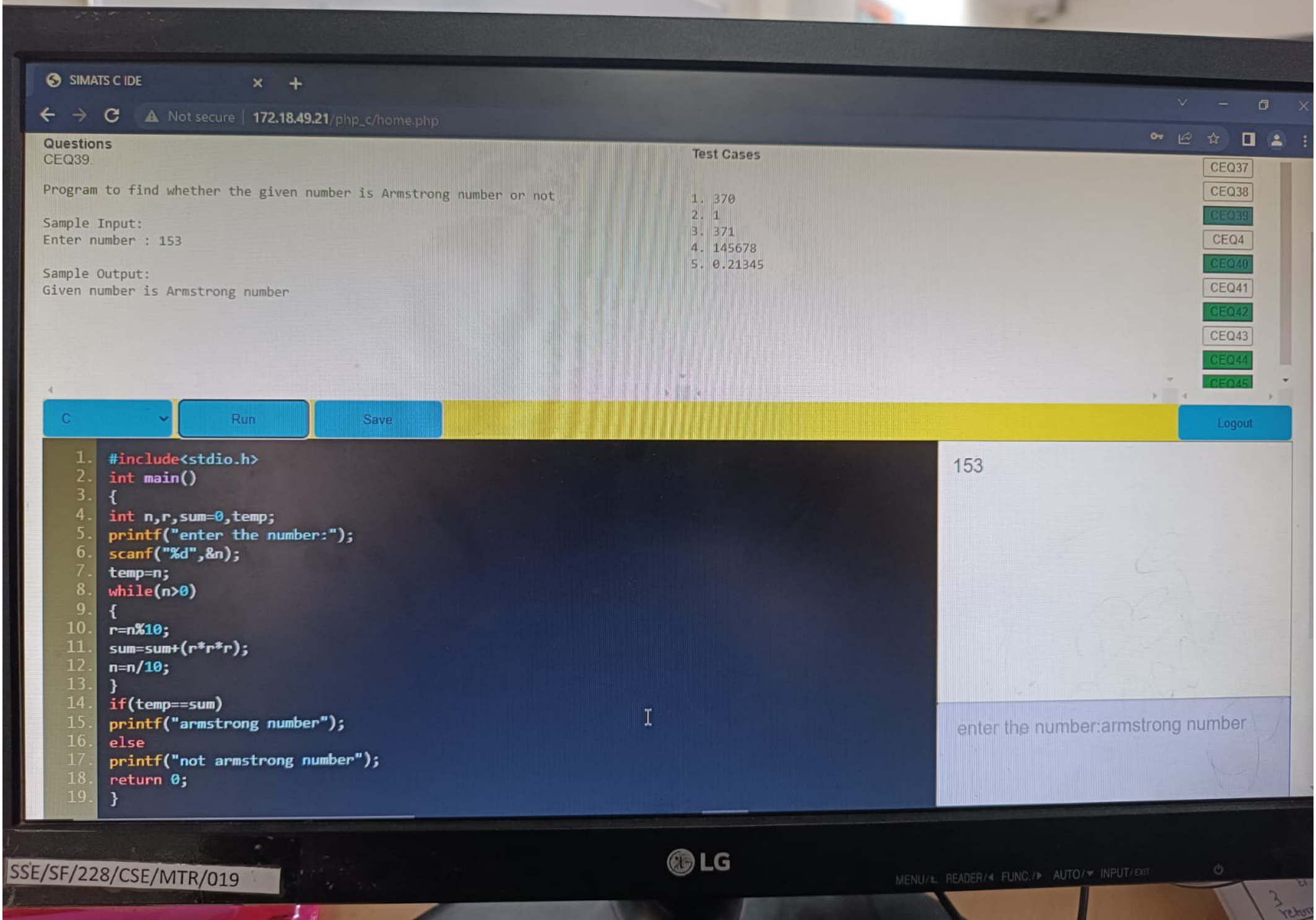

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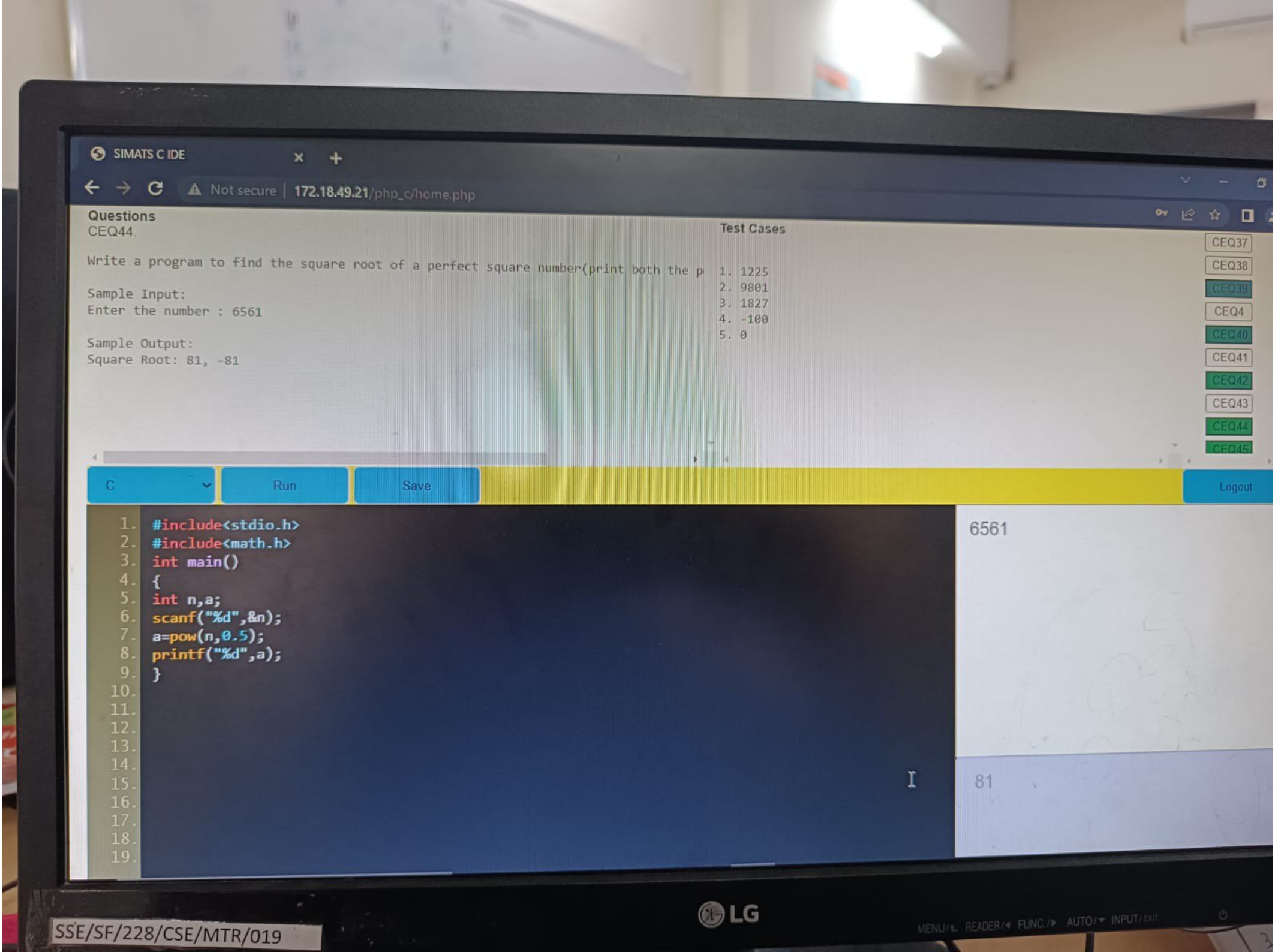
SIMATS C IDE
Not secure | 172.18.49.21/php_c/home.php
Questions
CEQ44.
Write a program to find the square root of a perfect square number(print both the p
Sample Input:
Enter the number : 6561
Sample Output:
Square Root: 81, -81
Test Cases
1. 1225
2. 9801
3. 1827
4. -100
5. 0
CEQ37
CEQ38
CEQ39
CEQ4
CEQ40
CEQ41
CEQ42
CEQ43
CEQ44
CEQ45
C
Run
Save
Logout
#include<stdio.h>
#include<math.h>
int main()
{
int n,a;
scanf("%d",&n);
a=pow(n,0.5);
printf("%d",a);
}
6561
81
LG
SSE/SF/228/CSE/MTR/019