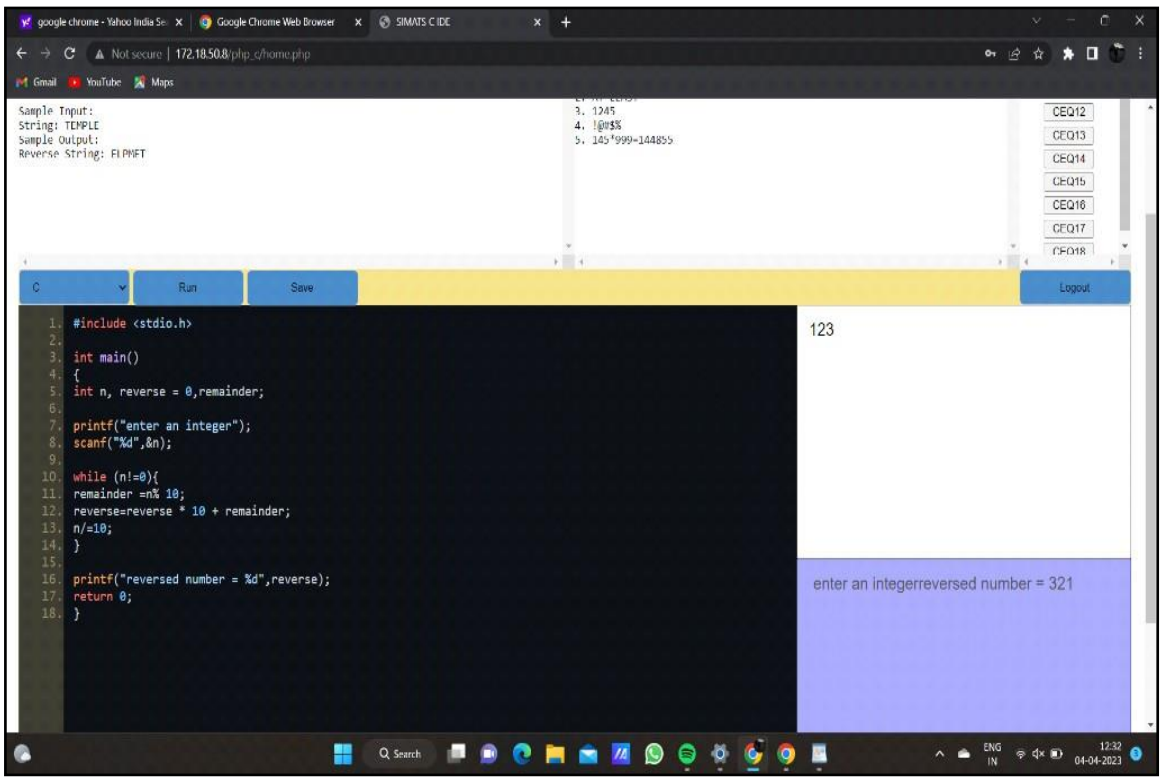
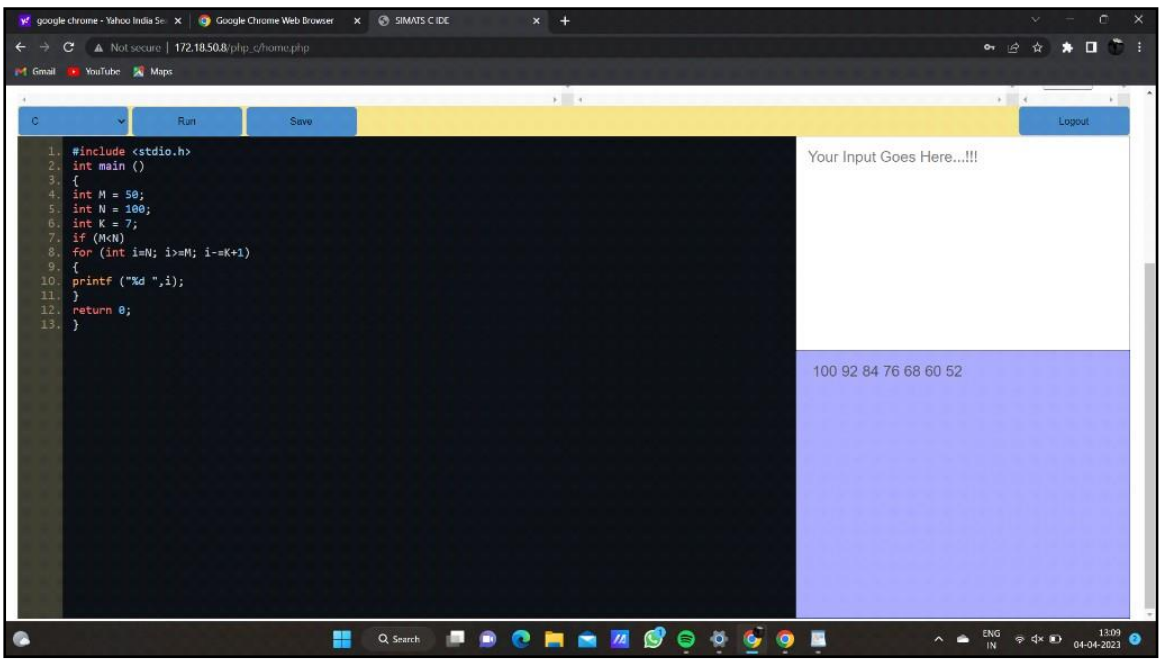
DAY-1 C PROGRAMMING

MADEENA.P
192211011

CEQ1



CEQ10



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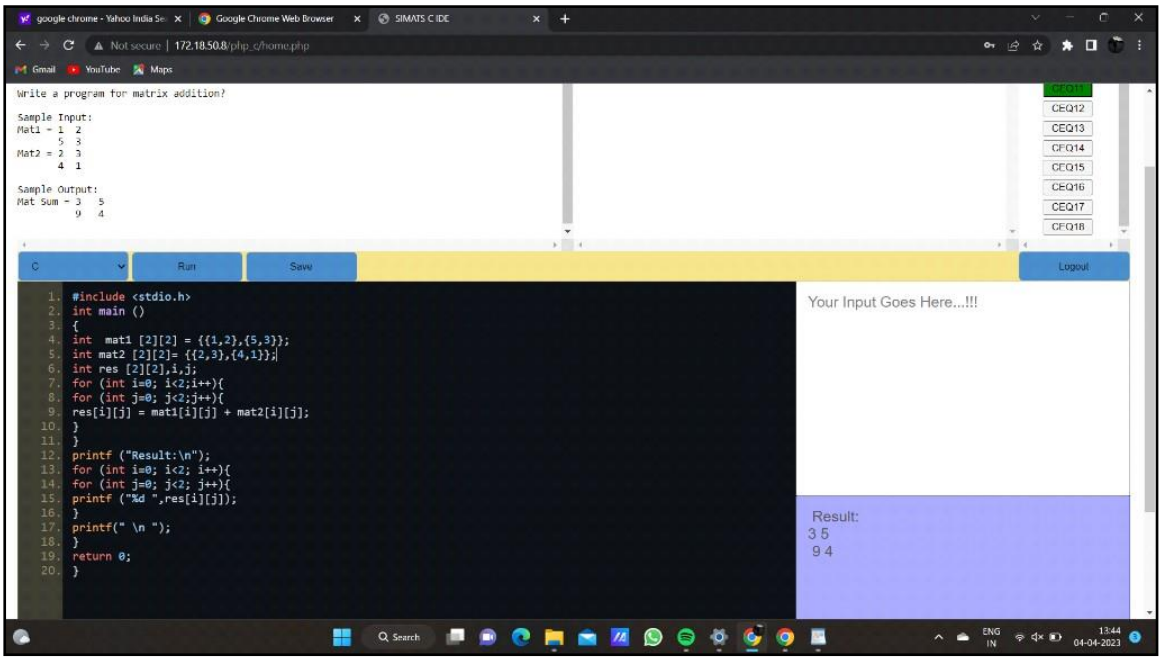
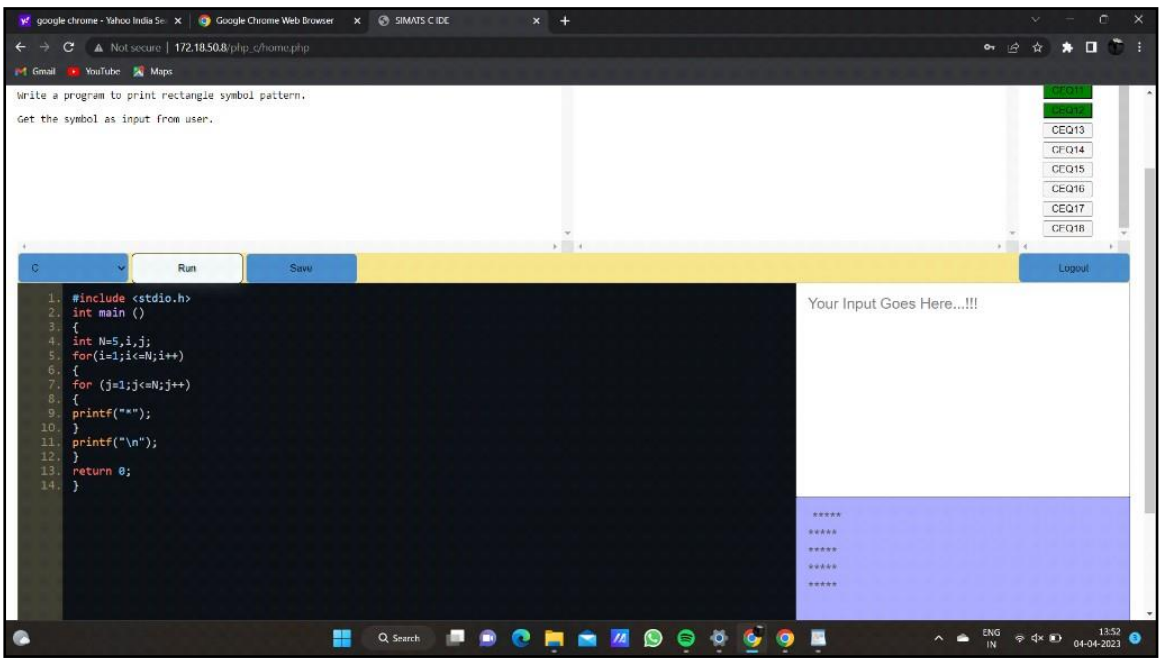
CEQ11



CEQ12



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Write a program for matrix multiplication?

Sample Input:
Mat1 = 1 2
       5 3
Mat2 = 2 3
       4 1

Sample Output:
Mat Sum = 10   5
          22   18

C | Run | Save

```c
#include <stdio.h>
int main() {
int a[2][2]={{1,2},{5,3}};
int b[2][2]={{2,3},{4,1}};
int c[2][2]={0};
for (int i=0; i<2; i++)
        for (int j=0; j<2; j++)
            for (int k=0; k<2; k++)
                c[i][j]+=a[i][k]*b[k][j];
    printf("a*b= \n");
    for (int i=0; i<2; i++) {
        for (int j=0; j<2; j++)
            printf(" %d ", c[i][j]);
        printf(" \n");
}
  return 0;
}
```

Your Input Goes Here...!!!

a+b=
9 7
14 12

```c
#include <stdio.h>
#include<string.h>
#define max_names 100
#define max_name_length 50

int main() {
char names [max-names]
[max_name_length];
int n;
 printf("enter the number of names:");
scanf("%d",&n);
printf("enter%d names:\n",n);
for9int i=0;i<n:i++){
for(intj=0;j<n-i-1;j++){
if(strcmp(names[j],names[j+1])>0){
chartemp[max_name_length];
strcpy(temp,names[j]);
strcpy(names[j],names[j+1]);
strcpy(names[j+1],temp);
}
}
]
printf('\nnames in ascending alphabetical order:\n");
for(int i=0;i<n;i++);
printf("%s\n",names[i]);
return 0;
}
```

Your Input Goes Here...!!!

<pre>ExecutionFolder/192211166.c: In function 'main':
ExecutionFolder/192211166.c:7:13: error: 'max' undeclared (first use in this function)
    7 | char names [max-names]
      | ^~~
ExecutionFolder/192211166.c:7:13: note: each undeclared identifier is reported only once for each function it appears in
ExecutionFolder/192211166.c:7:17:

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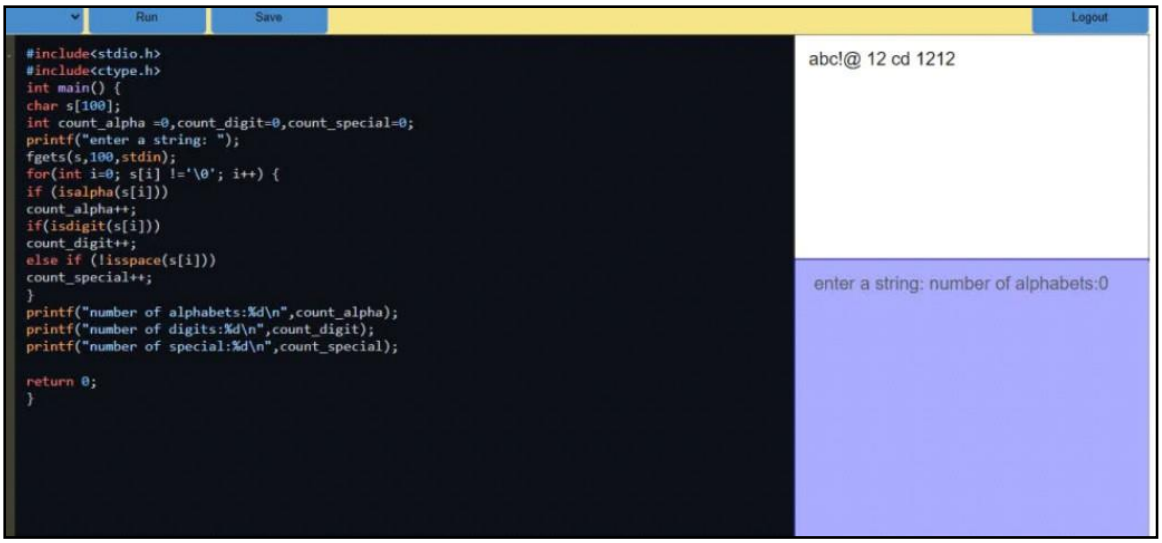
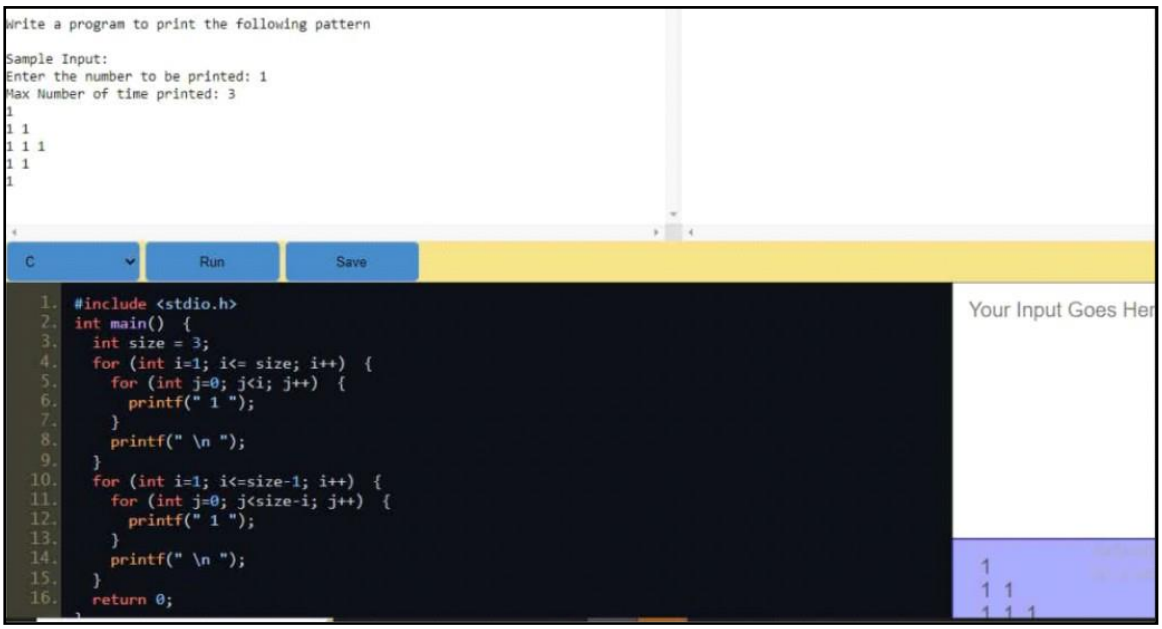


CEQ15



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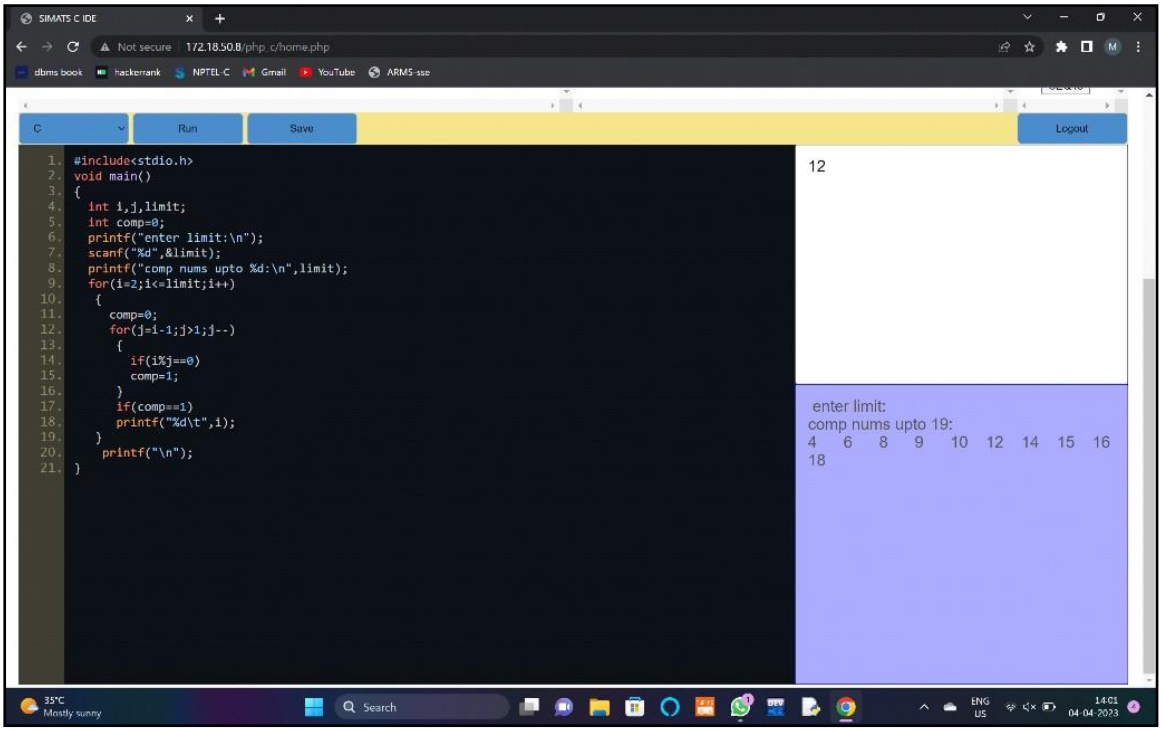
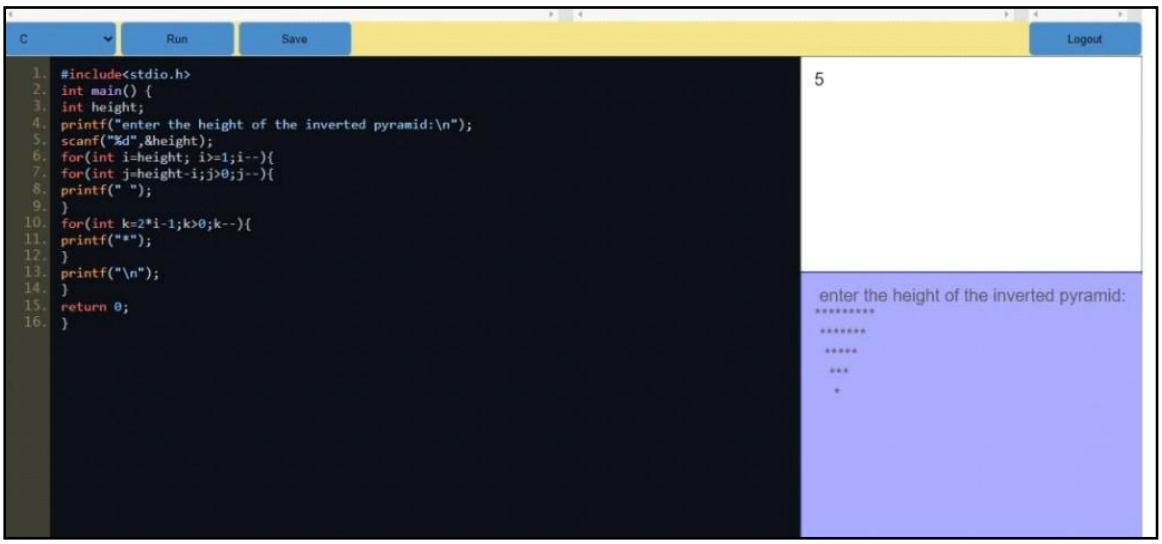
CEQ17



CEQ.18



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