

CENTRAL UNIVERSITY OF HARYANA

Department of Computer Science & Engineering under SOET



C++ Programming Lab

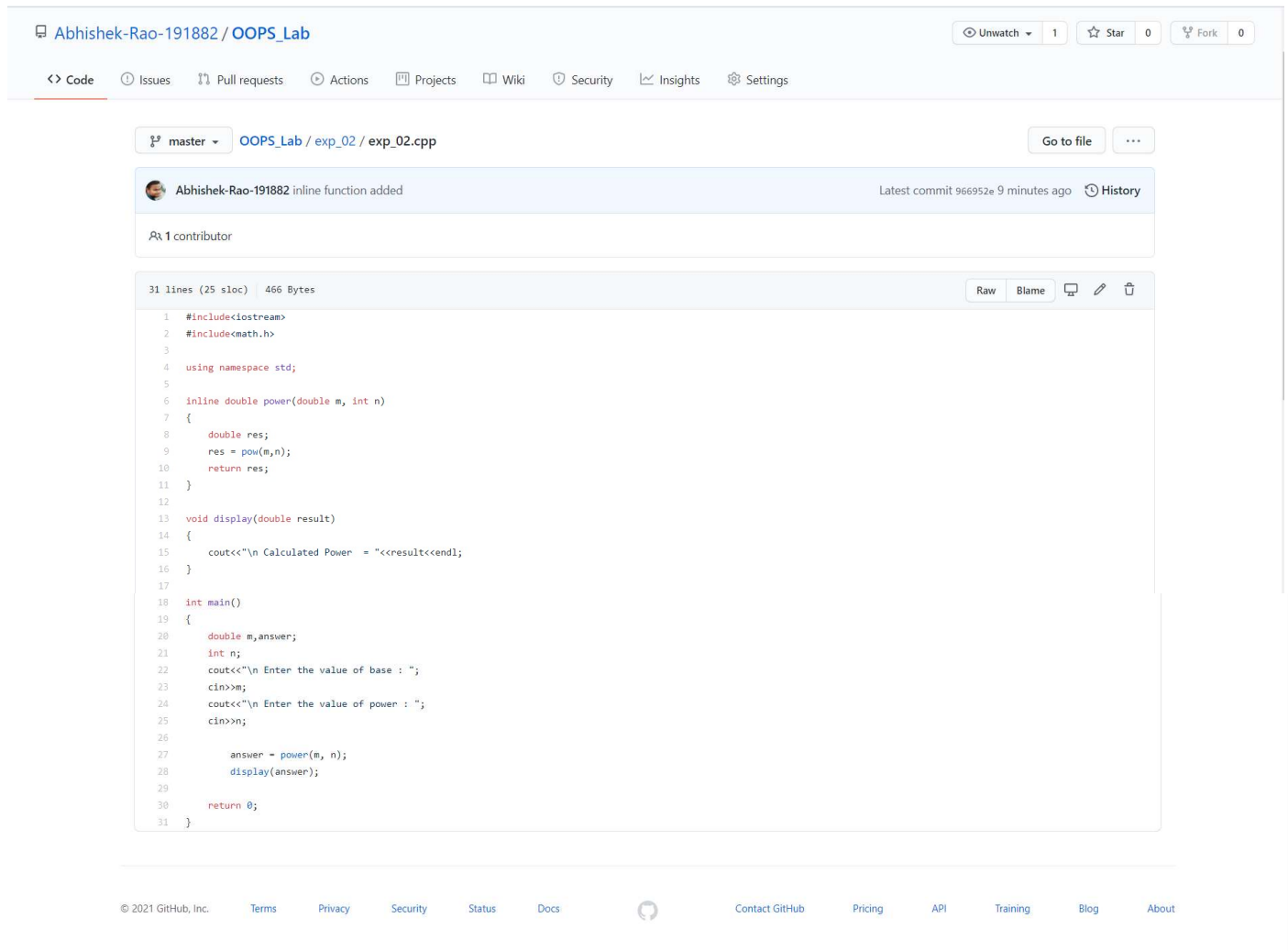
Write a program to make the use of inline function.

Submitted by
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Submitted to
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Central University of Haryana (SOET)

Program - 2: Write a program to make the use of inline function.

Code:

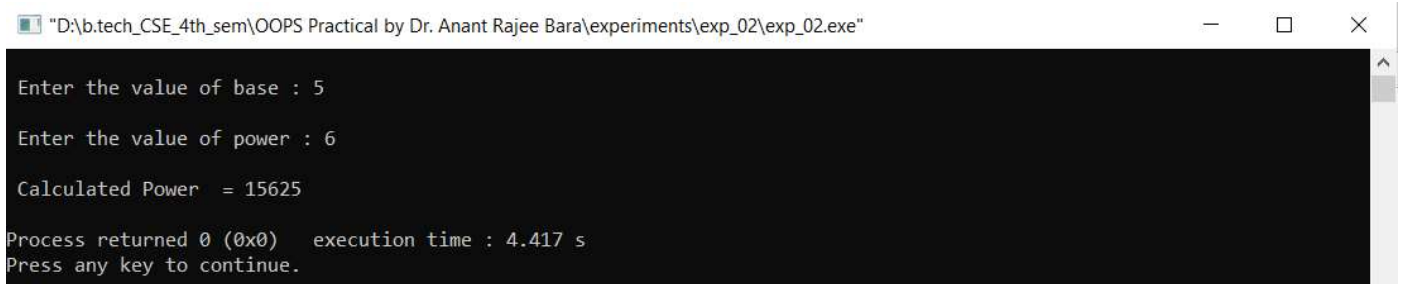


The screenshot shows a GitHub repository for 'Abhishek-Rao-191882 / OOPS_Lab'. The file 'exp_02 / exp_02.cpp' is selected, showing a commit by 'Abhishek-Rao-191882' with the message 'inline function added'. The code is as follows:

```
1 #include<iostream>
2 #include<math.h>
3
4 using namespace std;
5
6 inline double power(double m, int n)
7 {
8     double res;
9     res = pow(m,n);
10    return res;
11 }
12
13 void display(double result)
14 {
15     cout<<"\n Calculated Power  = "<<result<<endl;
16 }
17
18 int main()
19 {
20     double m,answer;
21     int n;
22     cout<<"\n Enter the value of base : ";
23     cin>>m;
24     cout<<"\n Enter the value of power : ";
25     cin>>n;
26
27     answer = power(m, n);
28     display(answer);
29
30     return 0;
31 }
```

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Output:



The screenshot shows a Windows command prompt window titled "D:\b.tech_CSE_4th_sem\OOPS Practical by Dr. Anant Rajee Bara\experiments\exp_02\exp_02.exe". The output of the program is as follows:

```
Enter the value of base : 5
Enter the value of power : 6
Calculated Power  = 15625
Process returned 0 (0x0)   execution time : 4.417 s
Press any key to continue.
```