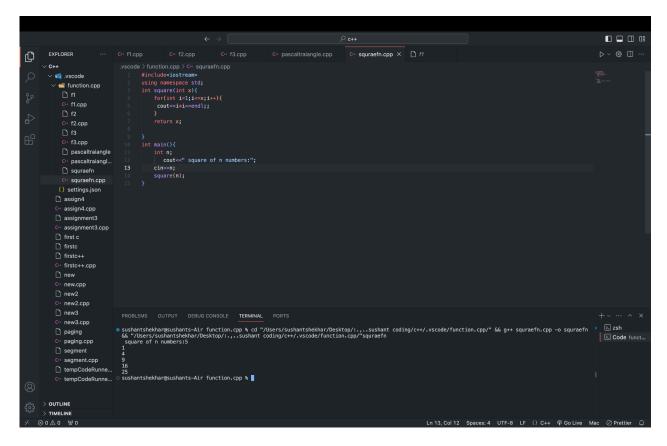
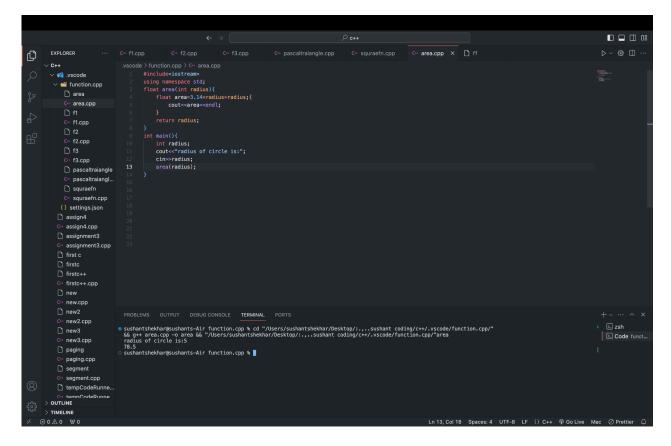


C++ Assignments | Functions | Week 4

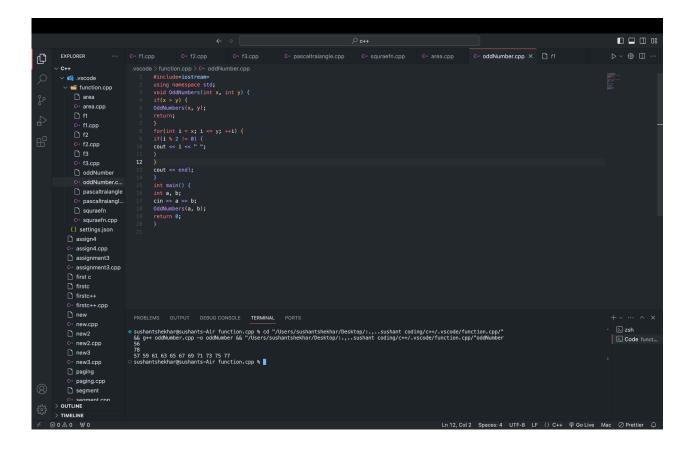
Q1 : Write a function to print squares of first n natural numbers, taking n as argument to the function



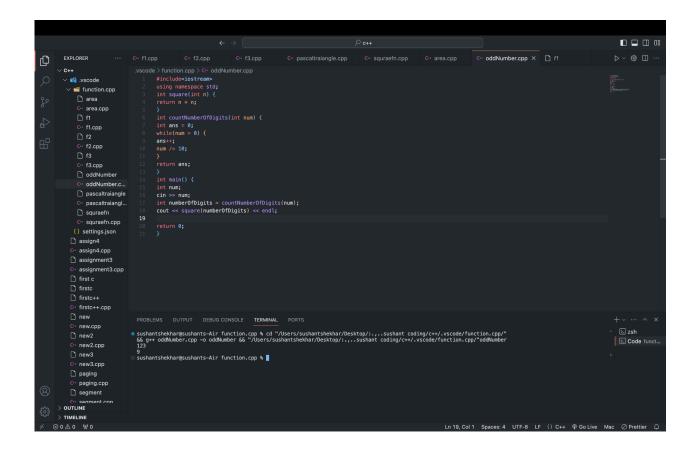
Q2: Write a function that takes the radius of a circle as an argument and returns its area



. Q3: Given two numbers a and b, write a function to print all odd numbers between them



. Q4: Write a function to count the number of digits in a number and then print the square of this number.



Q5: The minimum number of functions present in any C++ program is:

1.0

2.1

3.2

4. Infinite

Ans:- there is minimum one function in a program of c++ i.e main function.

Q6: State True and False:

 $\mathring{\mathbb{I}}_{^{1}} A$ function may be called more than once from any other function .

Ans:- true

²·It is necessary for a function to return some value.

Ans:- false because in void function there is no necessary need of return type.

Q7: Explore:

Can the same function name be used for different functions without any conflict?

Ans:- yes, if the arguments are different of number and datatype. When you call a function with a specific name, the compiler determines which version of the function to execute based on the arguments you provide. And select the appropriate one.