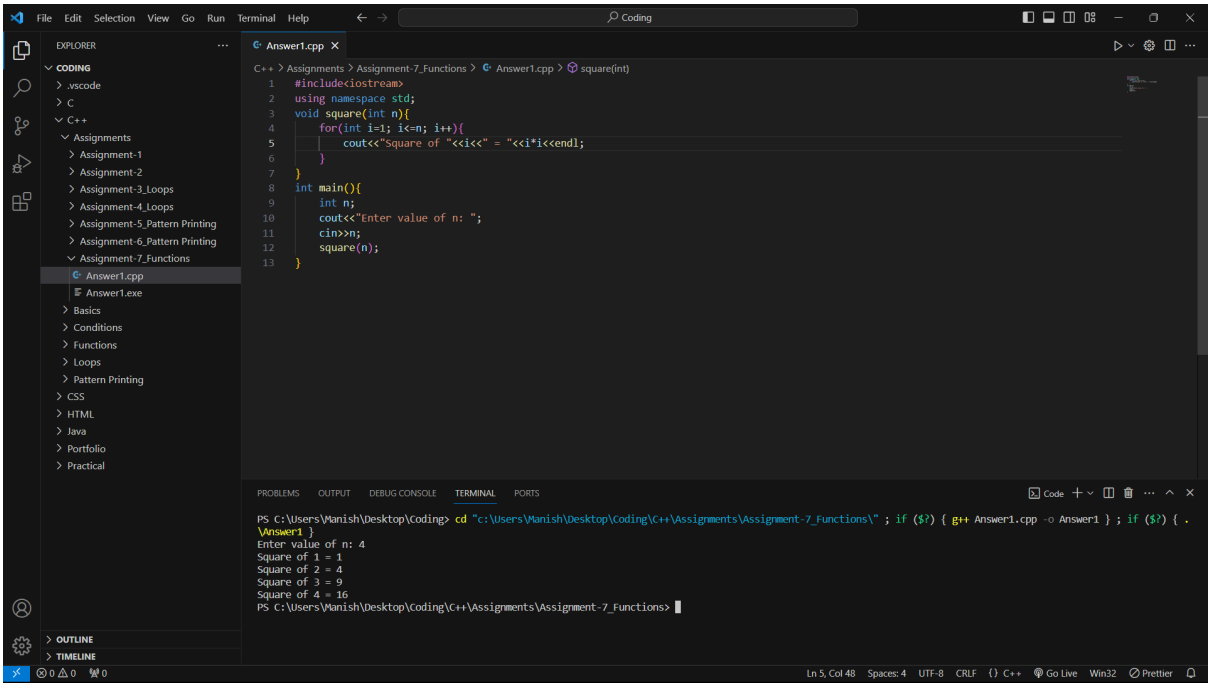
# Assignment
# (Functions)

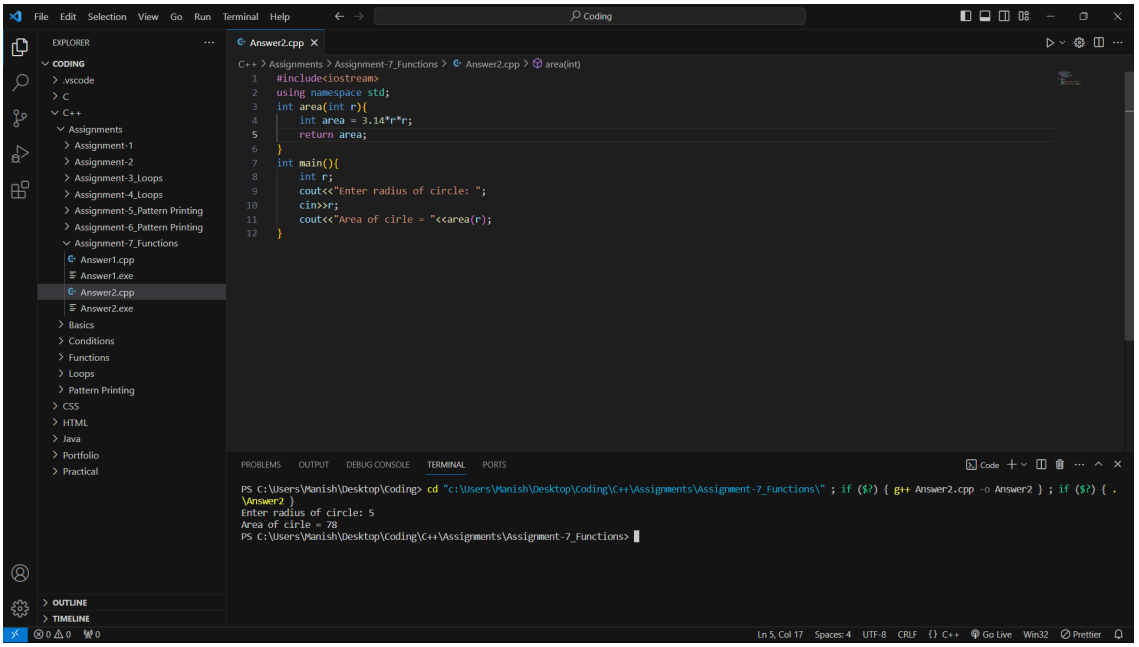
**Q1.** Write a function to print squares of first n natural numbers, taking n as argument to the function.

## Answer:



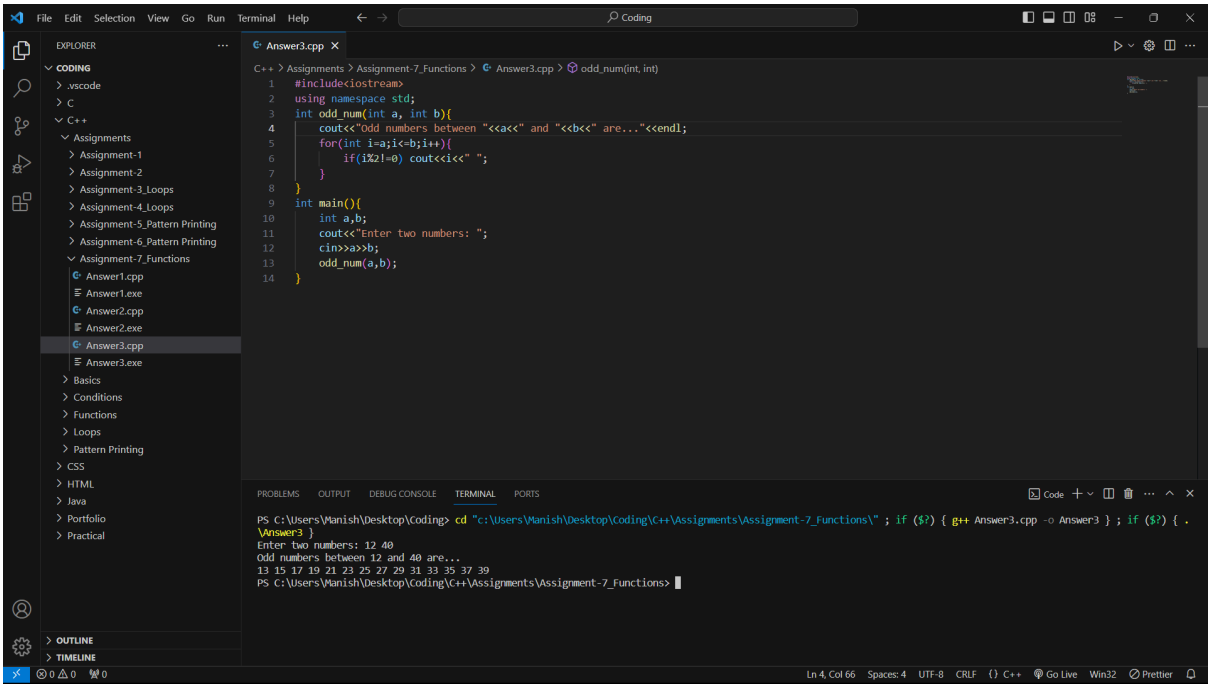

**Q2.** Write a function that takes the radius of a circle as an argument and returns its area.

## Answer:



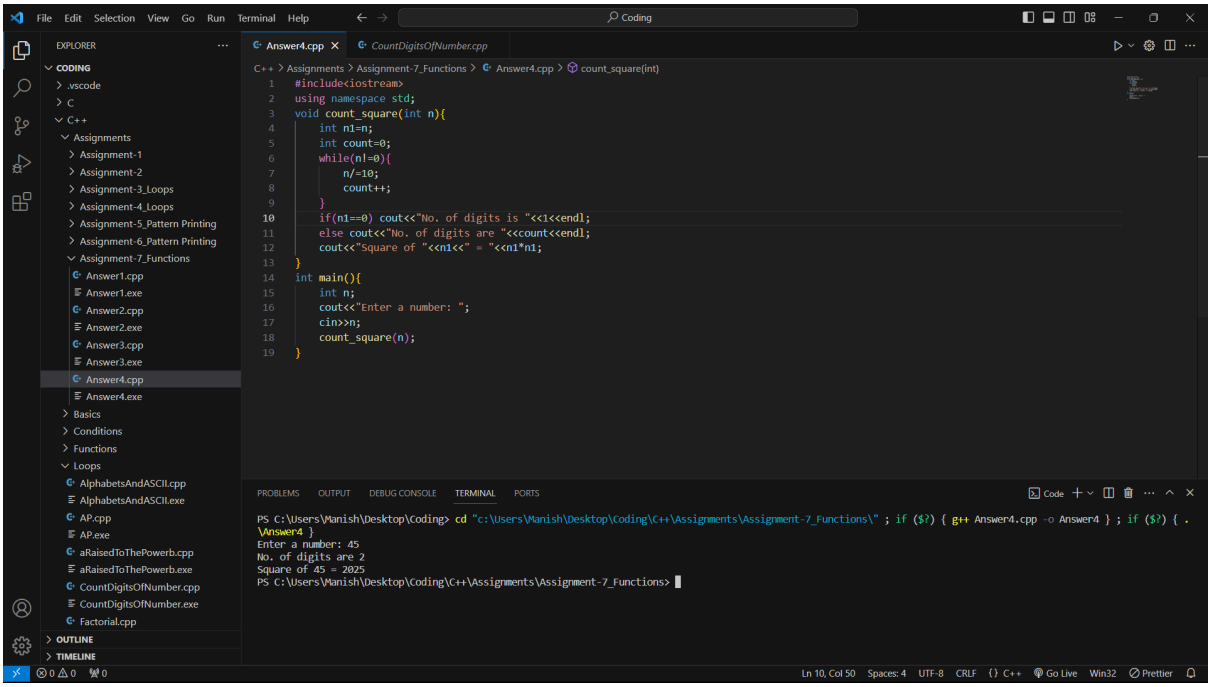
**Q3.** Given two numbers a and b, write a function to print all odd numbers between them.

## Answer:




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

## Answer:



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

1. **0**
2. **1**
3. **2**
4. **Infinite**

**Answer: 1, because “int main()” is also a function.**

**Q6:** State True and False:

1. **A function may be called more than once from any other function**
2. **It is necessary for a function to return some value.**

**Answer:**

1. **True**
2. **False**

**Q7:** Explore:

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

**Answer: Yes, these are called overloaded functions.**