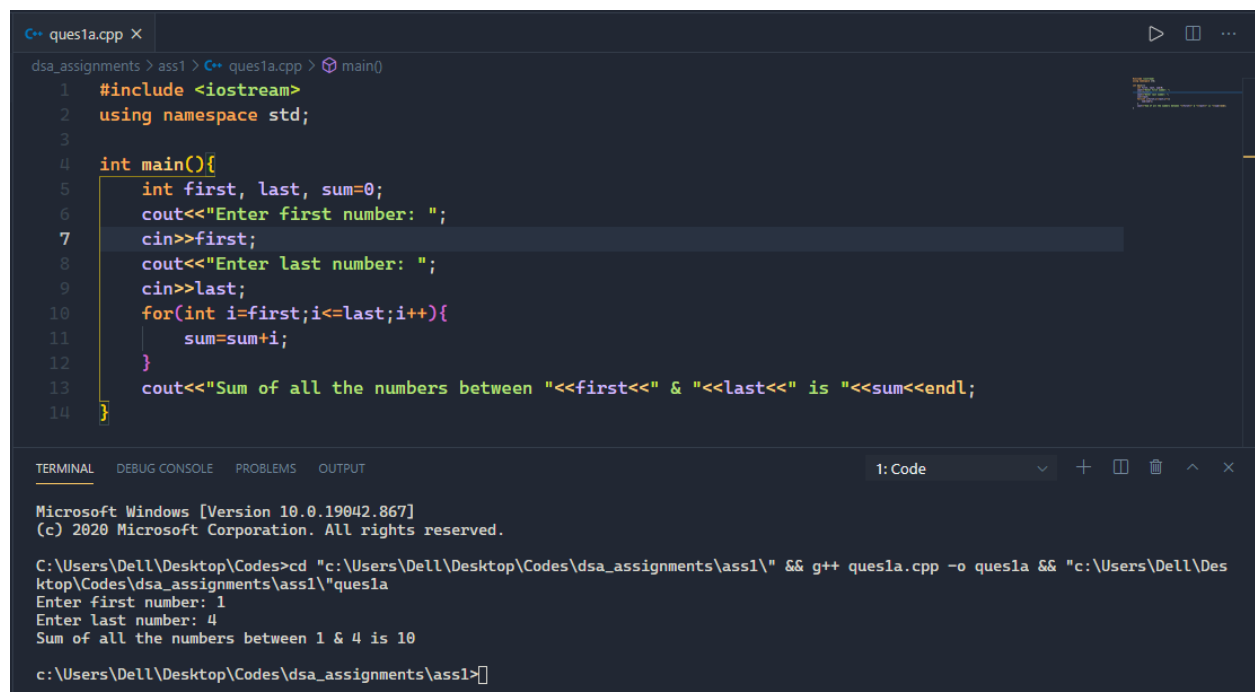


1. (i)

```
#include <iostream>

using namespace std;

int main(){
    int first, last, sum=0;
    cout<<"Enter first number: ";
    cin>>first;
    cout<<"Enter last number: ";
    cin>>last;
    for(int i=first;i<=last;i++){
        sum=sum+i;
    }
    cout<<"Sum of all the numbers between "<<first<<" & "<<last<<" is "<<sum<<endl;
}
```



The screenshot shows a C++ IDE with a file named `ques1a.cpp`. The code is the same as the one in the previous block. The terminal output shows the program being compiled and executed, with the following output:

```
Microsoft Windows [Version 10.0.19042.867]
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C:\Users\Dell\Desktop\Codes>cd "c:\Users\Dell\Desktop\Codes\dsa_assignments\ass1\" && g++ ques1a.cpp -o ques1a && "c:\Users\Dell\Desktop\Codes\dsa_assignments\ass1\"ques1a
Enter first number: 1
Enter last number: 4
Sum of all the numbers between 1 & 4 is 10

c:\Users\Dell\Desktop\Codes\dsa_assignments\ass1>
```