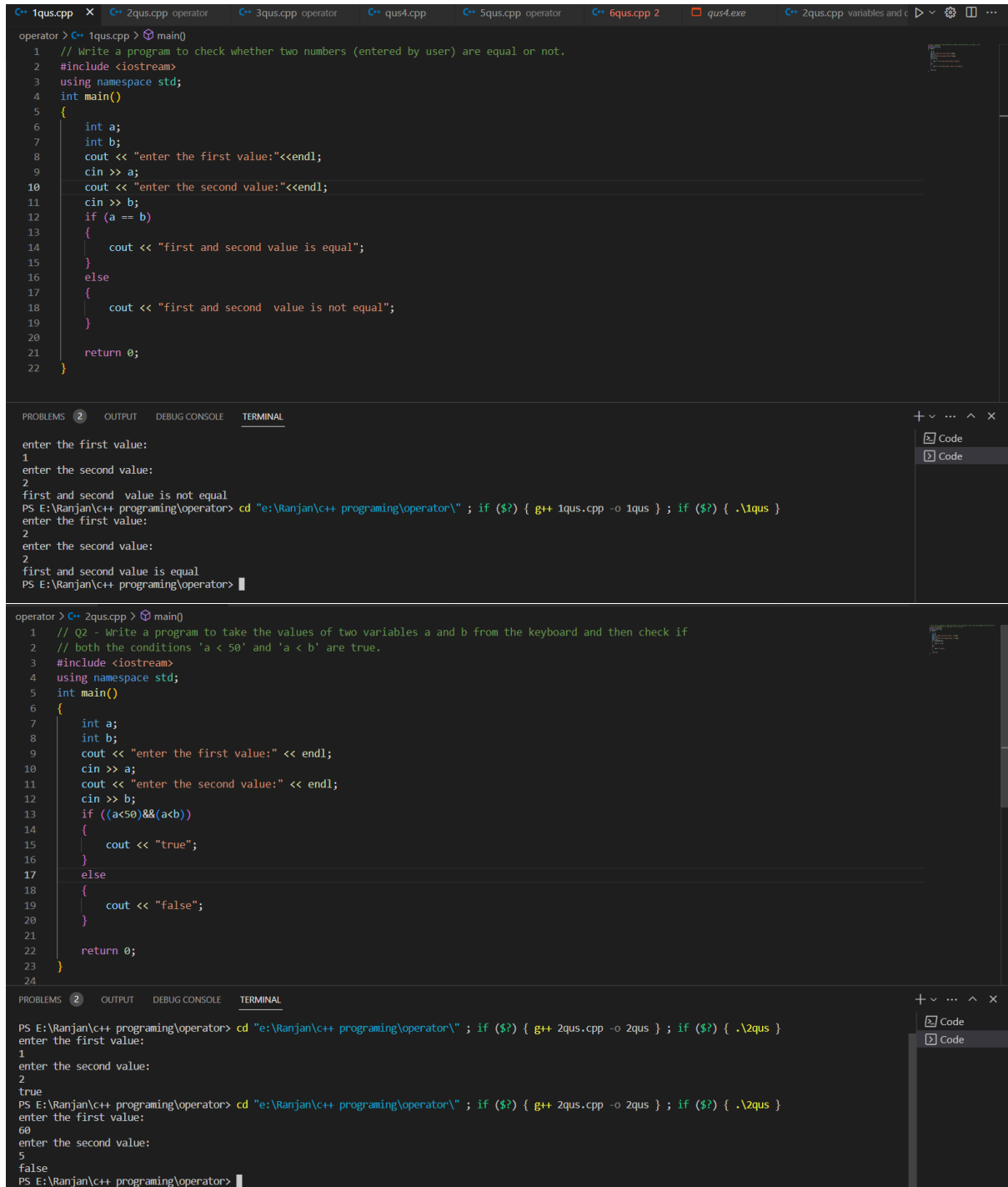


ASSGNMET 2

OPERATORS



```
operator > C++ 1qus.cpp > main()
1 // Write a program to check whether two numbers (entered by user) are equal or not.
2 #include <iostream>
3 using namespace std;
4 int main()
5 {
6     int a;
7     int b;
8     cout << "enter the first value:"<<endl;
9     cin >> a;
10    cout << "enter the second value:"<<endl;
11    cin >> b;
12    if (a == b)
13    {
14        cout << "first and second value is equal";
15    }
16    else
17    {
18        cout << "first and second value is not equal";
19    }
20
21    return 0;
22 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL

```
enter the first value:
1
enter the second value:
2
first and second value is not equal
PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if ($?) { g++ 1qus.cpp -o 1qus } ; if ($?) { .\1qus }
enter the first value:
2
enter the second value:
2
first and second value is equal
PS E:\Ranjan\c++ programing\operator> 
```

```
operator > C++ 2qus.cpp > main()
1 // Q2 - Write a program to take the values of two variables a and b from the keyboard and then check if
2 // both the conditions 'a < 50' and 'a < b' are true.
3 #include <iostream>
4 using namespace std;
5 int main()
6 {
7     int a;
8     int b;
9     cout << "enter the first value:" << endl;
10    cin >> a;
11    cout << "enter the second value:" << endl;
12    cin >> b;
13    if ((a<50)&&(a<b))
14    {
15        cout << "true";
16    }
17    else
18    {
19        cout << "false";
20    }
21
22    return 0;
23 }
24
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if ($?) { g++ 2qus.cpp -o 2qus } ; if ($?) { .\2qus }
enter the first value:
1
enter the second value:
2
true
PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if ($?) { g++ 2qus.cpp -o 2qus } ; if ($?) { .\2qus }
enter the first value:
60
enter the second value:
5
false
PS E:\Ranjan\c++ programing\operator> 
```

```
operator > C++ qus4.cpp > ...
1  //- Write a program to calculate the sum of the first and the second last digit of a 5 digit number.
2  #include <iostream>
3  using namespace std;
4  int main()
5  {
6      int n = 12345, first, second, third, fourth, fifth, sum;
7      first = n / 10000;
8      n = n % 10000;
9      second = n / 1000;
10     n = n % 1000;
11     third = n / 100;
12     n = n % 100;
13     fourth = n / 10;
14     fifth = n % 10;
15
16     sum = first + fourth;
17     cout << "sum of first and fourth digit is :" << sum << endl;
18     return 0;
19 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL

PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if (\$?) { g++ qus4.cpp -o qus4 } ; if (\$?) { .\qus4 }

sum of first and fourth digit is :5

PS E:\Ranjan\c++ programing\operator> █

```
operator > C++ qus4.cpp > ...
1  //- Write a program to calculate the sum of the first and the second last digit of a 5 digit number.
2  #include <iostream>
3  using namespace std;
4  int main()
5  {
6      int n = 12345, first, second, third, fourth, fifth, sum;
7      first = n / 10000;
8      n = n % 10000;
9      second = n / 1000;
10     n = n % 1000;
11     third = n / 100;
12     n = n % 100;
13     fourth = n / 10;
14     fifth = n % 10;
15
16     sum = first + fourth;
17     cout << "sum of first and fourth digit is :" << sum << endl;
18     return 0;
19 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if (\$?) { g++ 3qus.cpp -o 3qus } ; if (\$?) { .\3qus }

numbers of girls who received Gread 'A' 19

PS E:\Ranjan\c++ programing\operator> █

```
operator > C++ 5qus.cpp > main()
1 // Write a program to calculate the sum of digits of a 3 digit number.
2 #include <iostream>
3 using namespace std;
4 int main()
5 {
6     int n = 123, first, second, last, sum;
7     first = n / 100;
8     n = n % 100;
9     second = n / 10;
10    last = n % 10;
11    sum = first + second + last;
12    cout << "sum of 3 digit is:" << sum;
13    return 0;
14 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Ranjan\c++ programing\operator> cd "e:\Ranjan\c++ programing\operator\" ; if ($?) { g++ 5qus.cpp -o 5qus } ; if ($?) { .\5qus }
sum of 3 digit is:6
PS E:\Ranjan\c++ programing\operator> 
```

+ v ... ^ x

Code

Code