EC2010-COMPUTER PROGRAMMING

PRELAB-01

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REGISTRATION NO. :2022/E/065

DATE ASSIGNED   **:17 SEPT 2023**

EXERCISE 01 :

CODE

```cpp
main.cpp X
1     // RENUJAN J.
2     // 2022/E/065
3     // LAB 01
4
5     #include <iostream>
6
7     using namespace std;
8
9     int main()
10    {
11        int first_number, second_number, sum ;
12
13        cout << "Enter two integers: " ;
14        cin >> first_number >> second_number ;
15
16        // sum of two numbers in stored in variable sum of two numbers
17        sum = first_number + second_number ;
18
19        // prints sum
20        cout << first_number << " + " << second_number << " = "<< sum ;
21
22        return 0;
23    }
24
```

OUTPUT

```
Enter two integers:
15
20
15 + 20 = 35
Process returned 0 (0x0)   execution time : 12.642 s
Press any key to continue.
```

EXERCISE 02 :

CODE

```
main.cpp X
1    // RENUJAN J.
2    // 2022/E/065
3    // LAP-01
4
5    #include <iostream>
6    #include <iomanip>
7
8    using namespace std;
9
10   int main()
11   {
12       double x = 2.3654789d;
13       cout << "print up to 3 decimal places: " << setprecision(3) << x << endl;
14       cout << "print up to 2 decimal places: " << setprecision(2) << x << endl;
15       cout << "print up to 7 decimal places: " << setprecision(7) << x << endl;
16
17       return 0;
18   }
19
```

OUTPUT

```
print up to 3 decimal places: 2.37
print up to 2 decimal places: 2.4
print up to 7 decimal places: 2.365479

Process returned 0 (0x0)   execution time : 0.098 s
Press any key to continue.
```