

```
EJ1.cpp M X  README.md
exercise-1 > G: EJ1.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a, b, c;
7      float suma, promedio, producto, menor, mayor;
8
9      cout << "Ingrese los tres valores diferentes ";
10     cin >> a >> b >> c;
11
12     suma = a + b + c;
13     cout << "La suma es: " << suma << endl;
14
15     promedio = (a + b + c)/3;
16     cout << "El promedio es: " << promedio << endl;
17
18     producto = (a * b * c);
19     cout << "El producto es: " << producto << endl;
20
21     mayor = a;
22     menor = a;
23
24     if (b > mayor) mayor = b;
25     if (c > mayor) mayor = c;
26
27     if (b < menor) menor = b;
28     if (c < menor) menor = c;
29
30     cout << "El menor es: " << menor << endl;
31     cout << "El mayor es: " << mayor << endl;
32
33     return 0;
34 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> & .\EJ1.exe
Ingrese los tres valores diferentes 13 27 14
La suma es: 54
El promedio es: 18
El producto es: 4914
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output>
```

```
EJ1.cpp M X  README.md
exercise-1 > G: EJ1.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a, b, c;
7      float suma, promedio, producto, menor, mayor;
8
9      //Solicitando primer valor
10     cout << "Ingrese el primer valor ";
11     cin >> a;
12     //Solicitando segundo valor
13     cout << "Ingrese el segundo valor ";
14     cin >> b;
15     //Solicitando tercer valor
16     cout << "Ingrese el tercer valor ";
17     cin >> c;
18
19     suma = a + b + c;
20     cout << "La suma es: " << suma << endl;
21
22     promedio = (a + b + c)/3;
23     cout << "El promedio es: " << promedio << endl;
24
25     producto = (a * b * c);
26     cout << "El producto es: " << producto << endl;
27
28     mayor = a;
29     menor = a;
30
31     if (b >= mayor) mayor = b;
32     if (c >= mayor) mayor = c;
33
34     if (b <= menor) menor = b;
35 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> & .\EJ1.exe
Ingrese el primer valor 13
Ingrese el segundo valor 27
Ingrese el tercer valor 14
La suma es: 54
El promedio es: 18
El producto es: 4914
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output>
```

```
EJ1.cpp M x  README.md M
exercise-1 > C:\EJ1.cpp > main()
11 //Solicitando primer valor
12 //Solicitando segundo valor
13 cout << "Ingrese el segundo valor ";
14 cin >> b;
15 //Solicitando tercer valor
16 cout << "Ingrese el tercer valor ";
17 cin >> c;
18
19 suma = a + b + c;
20 cout << "La suma es: " << suma << endl;
21
22 promedio = (a + b + c)/3;
23 cout << "El promedio es: " << promedio << endl;
24
25 producto = (a * b * c);
26 cout << "El producto es: " << producto << endl;
27
28 mayor = a;
29 menor = a;
30
31 if (b > mayor) mayor = b;
32 if (c > mayor) mayor = c;
33
34 if (b < menor) menor = b;
35 if (c < menor) menor = c;
36
37 cout << "El menor es: " << menor << endl;
38 cout << "El mayor es: " << mayor << endl;
39
40 return 0;
41 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> & .\EJ1.exe
Ingrese el primer valor 13
Ingrese el segundo valor 27
Ingrese el tercer valor 14
La suma es: 54
El promedio es: 18
El producto es: 4914
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output>
```

```
EJ1.cpp M x  README.md M
exercise-1 > C:\EJ1.cpp > main()
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int a, b, c;
7     int suma, promedio, producto, menor, mayor;
8
9     //Solicitando primer valor
10    cout << "Ingrese el primer valor ";
11    cin >> a;
12    //Solicitando segundo valor
13    cout << "Ingrese el segundo valor ";
14    cin >> b;
15    //Solicitando tercer valor
16    cout << "Ingrese el tercer valor ";
17    cin >> c;
18
19    suma = a + b + c;
20    cout << "La suma es: " << suma << endl;
21
22    promedio = (a + b + c)/3;
23    cout << "El promedio es: " << promedio << endl;
24
25    producto = (a * b * c);
26    cout << "El producto es: " << producto << endl;
27
28    mayor = a;
29    menor = a;
30
31    if (b > mayor) mayor = b;
32    if (c > mayor) mayor = c;
33    if (b < menor) menor = b;
34    if (c < menor) menor = c;
35 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output> & .\EJ1.exe
Ingrese el primer valor 13
Ingrese el segundo valor 27
Ingrese el tercer valor 14
La suma es: 54
El promedio es: 18
El producto es: 4914
El menor es: 13
El mayor es: 27
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-1\output>
```

```
EJ2.cpp U x ① README.md M
exercise-2 > EJ2.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main ()
5  {
6      int n1, n2;
7
8      cout << "Ingrese los dos valores" << " ";
9      cin >> n1 >> n2;
10
11     if (n1 % n2){
12         cout << n1 << " " << "no es multiplo de" << " " << n2;
13     }
14     else
15         cout << n1 << " " << "si es multiplo de" << " " << n2;
16
17     return 0;
18 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output'  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> & .\EJ2.exe  
Ingrese los dos valores 22 8  
22 no es multiplo de 8  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output>

+ ... | [X] X  
C/C++ Com...  
C/C++ Com...  
C/C++ ... ✓  
C/C++ Com...

```
EJ2.cpp 3, U ① README.md M
exercise-2 > EJ2.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main ()
5  {
6      int n1, n2;
7
8      cout << "Ingrese los dos valores" << " ";
9      cin >> n1 >> n2;
10
11     if (n1 % n2);
12     {
13         cout << n1 << " " << "si es divisor de" << " " << n2;
14     }
15     else
16         cout << n1 << " " << "no es divisor de" << " " << n2;
17
18     return 0;
19 }
```

PROBLEMS 3 OUTPUT DEBUG CONSOLE TERMINAL PORTS

if (n1 % n2);  
^  
c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\EJ2.cpp:12:5: note: ...this statement, but the latter is misleadingly indented as if it is guarded by the 'if'  
{  
^  
c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\EJ2.cpp:15:5: error: 'else' without a previous 'if'  
else  
^~~~~~

\* The terminal process "C:\MinGW\bin\g++.EXE -Wall', '-Wextra', '-g3', 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\EJ2.cpp', '-o', 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output\EJ2.exe'" terminated with exit code: 1.  
\* Terminal will be reused by tasks, press any key to close it.

```
EJ2.cpp U x  README.md M
exercise-2 > EJ2.cpp > main()
1  #include <iostream>
2  using namespace std;
3
4  int main ()
5  {
6      int n1;
7
8      cout << "Ingresa el valor" << " ";
9      cin >> n1;
10
11     if (n1 % 2 == 0)
12     {
13         cout << n1 << " " << "es par";
14     }
15     else
16     {
17         cout << n1 << " " << "no es par";
18     }
19     return 0;
20 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> & .\EJ2.exe
Ingresa los dos valores 1s
0 si es divisor de 6422356
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> & .\EJ2.exe
Ingresa el valor 2
2 es par
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> & .\EJ2.exe
Ingresa el valor 3
3 no es par
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-2\output> 
```

```
EJ3.cpp U x  README.md M
exercise-3 > EJ3.cpp > main()
1  #include <iostream>
2  #include <string>
3  using namespace std;
4
5  int main ()
6  {
7      string numero;
8
9      cout << "Ingresa el valor" << endl;
10     cin >> numero;
11
12     if (numero.length() != 5){
13         cout << "Valor invalido, ingrese un valor con 5 digitos";
14         cin >> numero;
15     }
16     cout << "El valor es" << endl;
17     for (int i = 0; i < 5; i++){
18         cout << numero[i];
19         if (i < 4)
20             cout << " ";
21     }
22
23     return 0;
24 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> & .\EJ3.exe
Ingresa el valor
42339
El valor es
4 2 3 3 9
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> & .\EJ3.exe
Ingresa el valor
1763
Valor invalido, ingrese un valor con 5 digitos
```

```
EJ3.cpp U x ① README.md M
exercise-3 > EJ3.cpp > main()
1 #include <iostream>
2 #include <string>
3 using namespace std;
4
5 int main ()
6 {
7     string n1, n2, n3;
8
9     cout << "Ingrese el primer digito" << endl;
10    cin >> n1;
11    cout << "Ingrese el segundo digito" << endl;
12    cin >> n2;
13    cout << "Ingrese el tercer digito" << endl;
14    cin >> n3;
15
16    if (n1.length() == 1 && n2.length() == 1 && n3.length() == 1){
17        string concatenacion = n1 + n2 + n3;
18        cout << " El numero es: " << concatenacion << endl;
19    }
20    else
21        cout << "Valor invalido" << endl;
22
23    return 0;
24 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Ingrese el tercer digito  
3  
Valor invalido  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output'  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output> & .\EJ3.exe  
Ingrese el primer digito  
2  
Ingrese el segundo digito  
3  
Ingrese el tercer digito  
4  
El numero es: 234  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-3\output>

```
EJ4.cpp U x ① README.md
exercise-4 > EJ4.cpp > main()
1 #include <iostream>
2 using namespace std;
3
4 int main ()
5 {
6     int a, b, c;
7
8     cout << "Ingrese los tres valores" << endl;
9     cin >> a >> b >> c;
10
11     int mayor = max(a, max(b,c));
12     int menor = min(a, min(b,c));
13
14     int medio = a + b + c - menor - mayor;
15     cout << "El valor de en medio es" << " " << medio;
16
17     return 0;
18
19 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-4\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-4\output'  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-4\output> & .\EJ4.exe  
Ingrese los tres valores  
12  
31  
23  
El valor de en medio es 23  
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-4\output>

```

EJ5.cpp U x
exercise-5 > EJ5.cpp > main()
1  #include <iostream>
2  #include <vector>
3  #include <iomanip>
4  using namespace std;
5
6  int function(int x)
7  {
8      return x*x*x - x*x + 5;
9  }
10
11 int main()
12 {
13     vector<int> v1 = {0, 1, 2, 3, 4, 5};
14     cout << "*****" << endl;
15     cout << setw(0) << "x" << setw(10) << "f(x)" << endl;
16     cout << "*****" << endl;
17
18     for (int x : v1)
19     {
20         cout << setw(0) << x << setw(10) << function(x) << endl;
21     }
22     cout << "*****" << endl;
23
24     return 0;
25
26 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```

PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-5\output> cd 'c:\Users\PC\Desktop\lab-2-Wizzkito\exercise-5\output'
PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-5\output> & .\EJ5.exe

```

```

*****
x      f(x)
*****
0          5
1          5
2          9
3         23
4         53
5        105
*****

```

```

PS C:\Users\PC\Desktop\lab-2-Wizzkito\exercise-5\output>

```