Programs 9-12

Program 9.

```
: here
       × Program 9.cpp ×
 1
        #include <iostream>
 2
        using namespace std;
 3
        int main()
      4
 5
             double value;
 6
             double result;
 7
 8
             cout << "Enter number: ";</pre>
 9
             cin >> value;
10
11
             result = value / 2;
12
13
             cout << "Result: " << result << endl << endl;</pre>
14
             cout << "Code by Jacob Smetana" << endl;
15
16
17
             return 0;
18
           "C:\Users\Nii-san\Desktop\prog fund 1\Chapter 2 Labs\Programs 9-12\Prog
19
           Enter number: 1245
Result: 622.5
           Code by Jacob Smetana
           Process returned 0 (0x0)
Press any key to continue.
                                            execution time: 4.260 s
```

Program 10.

```
gram 10.cpp X
 1
        #include <iostream>
 2
        using namespace std;
 3
        int main()
 4
 5
             double valueOne;
 6
             double valueTwo;
 7
             double product;
 8
 9
             cout << "Enter first number: ";
10
             cin >> valueOne;
11
             cout << "Enter second number: ";</pre>
12
             cin >> valueTwo;
13
14
             product = valueOne * valueTwo;
15
16
             cout << endl;
             cout << "Product = ";
17
18
             cout << product << endl << endl;
19
20
             cout << "Code by Jacob Smetana" << endl;
21
22
             return 0;
23
           "C:\Users\Nii-san\Desktop\prog fund 1\Chapter 2 Labs\Programs 9-12\Program 10.e
24
           Enter first number: 37
Enter second number: 77
           Product = 2849
           Code by Jacob Smetana
           Process returned 0 (0x0)
Press any key to continue.
                                           execution time : 4.651 s
```

Program 11.

```
gram 11.cpp X
 1
        #include <iostream>
 2
        using namespace std;
 3
        int main()
 4
 5
             double width;
 6
             double length;
 7
             double area;
 8
 9
             cout << "Enter width in feet: ";
10
             cin >> width;
11
             cout << "Enter length in feet: ";
12
             cin >> length;
13
14
             area = width * length;
15
16
             cout << endl;
             cout << "Area of floor: ";
17
18
             cout << area << " square feet" << endl << endl;
19
             cout << "Code by Jacob Smetana" << endl;
20
21
22
             return 0;
23
           "C:\Users\Nii-san\Desktop\prog fund 1\Chapter 2 Labs\Programs 9-12\Program 11.exe"
24
           Enter width in feet: 20
Enter length in feet: 31.7
           Area of floor: 634 square feet
           Code by Jacob Smetana
           Process returned 0 (0x0)
Press any key to continue.
                                           execution time : 5.462 s
```

Program 12.

```
gram 12.cpp X
 1
        #include <iostream>
        using namespace std;
 3
        int main()
 4
      - {
 5
             double dollars;
 6
             double euros;
 7
            double yen;
 8
 9
            cout << "Enter dollar amount: $";</pre>
10
            cin >> dollars;
11
12
            euros = dollars * .85;
13
            yen = dollars * 112.54;
14
15
             cout << endl;
            cout << "Conversion to Euros: ";</pre>
16
17
            cout << euros << " euros" << endl;
18
            cout << "Conversion to Yen: ";</pre>
19
            cout << yen << " yen" << endl << endl;
20
            cout << "Code by Jacob Smetana" << endl;
21
22
23
             return 0;
24
           "C:\Users\Nii-san\Desktop\prog fund 1\Chapter 2 Labs\Programs 9-12\Program 12.exe"
25
           Enter dollar amount: $111
           Conversion to Euros: 94.35 euros
Conversion to Yen: 12491.9 yen
           Code by Jacob Smetana
           Process returned 0 (0x0)
                                          execution time : 2.550 s
           Press any key to continue.
```