```cpp
    // Return sales back to main()
    return sales;
}

double findHighest(double northEastSales, double southEastSales, double northWestSales, double southWestSales) {

    // Declare & assign to salesArray & divisionArray
    double salesArray[4] = {northEastSales, southEastSales, northWestSales, southWestSales};
    string divisionArray[4] = {"Northeast", "Southeast", "Northwest", "Southwest"};

    // Declare highestSales and highestDivision to be used later
    double highestSales;
    string highestDivision;

    // Calculate which division had the highest sales again to determine the position
    // we need to get the divisions name
    int last = salesArray[0];
    for (int i = 0; i < 4; i++) {

        // If last sales is < current iteration of salesArray
        // Assign last to the current iteration of salesArray
        if (last < salesArray[i]) {
            last = salesArray[i];

            // Assign the highestDivision and highestSales to the corresponding value
            highestDivision = divisionArray[i];
            highestSales = salesArray[i];
        }
    }

    // Display Output
    cout << endl;
    cout << "The " << highestDivision << " division had the highest sales this quarter.\n";
    cout << "$" << setprecision(2) << fixed << highestSales;
```

```
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\nsw19\projects\Labs>  & 'c:\Users\nsw19\.vscode\extensions\ms-vscode.cpptools-1.6.0\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-ykkr3ueq.khw' '--stdout=Microsoft-MIEngine-Out-ovjr2lsp.1jo' '--stderr=Microsoft-MIEngine-Error-4nusrlgt.pok' '--pid=Microsoft-MIEngine-Pid-tbymfthn.5fo' '--dbgExe=C:\msys64\mingw64\bin\gdb.exe' '--interpreter=mi'
Enter the quarterly sales for the Northeast division:
PS C:\Users\nsw19\projects\Labs>  & 'c:\Users\nsw19\.vscode\extensions\ms-vscode.cpptools-1.6.0\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-1oqpjpd.iky' '--stdout=Microsoft-MIEngine-Out-3u2ytywc.v1g' '--stderr=Microsoft-MIEngine-Error-znfbg3kq.1le' '--pid=Microsoft-MIEngine-Pid-b0hjdpmk.onj' '--dbgExe=C:\msys64\mingw64\bin\gdb.exe' '--interpreter=mi'
Enter the quarterly sales for the Northeast division: 77
Enter the quarterly sales for the Southeast division: 888
Enter the quarterly sales for the Northwest division: 555
Enter the quarterly sales for the Soutwest division: 345
```

```cpp
double findHighest(double northEastSales, double southEastSales, double northWestSales, double southWestSales) {

    // Declare & assign to salesArray & divisionArray
    double salesArray[4] = {northEastSales, southEastSales, northWestSales, southWestSales};
    string divisionArray[4] = {"Northeast", "Southeast", "Northwest", "Southwest"};

    // Declare highestSales and highestDivision to be used later
    double highestSales;
    string highestDivision;

    // Calculate which division had the highest sales again to determine the position
    // we need to get the divisions name
    int last = salesArray[0];
    for (int i = 0; i < 4; i++) {

        // If last sales is < current iteration of salesArray
        // Assign last to the current iteration of salesArray
        if (last < salesArray[i]) {
            last = salesArray[i];

            // Assign the highestDivision and highestSales to the corresponding value
            highestDivision = divisionArray[i];
            highestSales = salesArray[i];
        }
    }

    // Display Output
    cout << endl;
    cout << "The " << highestDivision << " division had the highest sales this quarter.\n";
    cout << "$" << setprecision(2) << fixed << highestSales;

    return 0;
}
```

```
Enter the quarterly sales for the Northeast division: 77
Enter the quarterly sales for the Southeast division: 888
Enter the quarterly sales for the Northwest division: 555
Enter the quarterly sales for the Soutwest division: 345
PS C:\Users\nsw19\projects\Labs>  & 'c:\Users\nsw19\.vscode\extensions\ms-vscode.cpptools-1.6.0\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-ocktg0pi.ofa' '--stdout=Microsoft-MIEngine-Out-dfhpnnca.hyn' '--stderr=Microsoft-MIEngine-Error-qrvs2khy.rdo' '--pid=Microsoft-MIEngine-Pid-knkmzrb1.r3k' '--dbgExe=C:\msys64\mingw64\bin\gdb.exe' '--interpreter=mi'
Enter the quarterly sales for the Northeast division: 77
Enter the quarterly sales for the Southeast division: 888
Enter the quarterly sales for the Northwest division: 555
Enter the quarterly sales for the Soutwest division: 345

The Southeast division had the highest sales this quarter.
```