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#include <iostream>

using namespace std;

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int main (void)
{
    string str1 = "What is the camel doing?";
    string str2 = "fly";
    string str3 = str1.substr(12, 5);
    str1.erase(12, 5);
    str1.insert(12, str2);

    cout << str1 << endl;

    // Remember strings are arrays as well.
    for (int i = 0; i < str3.length(); i++)
        cout << str3[i];

    cout << endl;
}
```

```
#include <iostream>
using namespace std;

int a = 18;
int b = 6;

int function1(int a, int b) {
    return a - b;
}

int function2() {
    int c;
    c = a + b;
    return c;
}

int main (void) {
    int b = 12;
    int c = 0;
    a = function1(b, a);
    c = function2();
    cout << "a: " << a << " b: " << b << " c: " << c << endl;
}
```

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using namespace std;

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int main (void)
{
    int b = 12;
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    a = function1(b, a);
    c = function2();
    cout << "a: " << a << " b: " << b << " c: " << c << endl;
}
```

```

#include <iostream>
using namespace std;

void F1(int males, int females);
void F2(int &m, int &f);

int main()
{
    int Boys = 3, Girls = 5;

    F1(Boys, Girls);
    cout << "\nAfter calling F1, within main()";
    cout << "\n\tBoys = " << Boys;
    cout << "\n\tGirls = " << Girls;

    F2(Boys, Girls);
    cout << "\nAfter calling F2, within main()";
    cout << "\n\tBoys = " << Boys;
    cout << "\n\tGirls = " << Girls;
}

void F1(int b, int g)
{
    b += 3, g += 4;
    cout << "\nF1";
    cout << "\n\tBoys = " << b;
    cout << "\n\tGirls = " << g;
}

void F2(int &b, int &g)
{
    b = b + 8, g = g + 5;
    cout << "\nF2";
    cout << "\n\tBoys = " << b;
    cout << "\n\tGirls = " << g;
}

```