```cpp
#include <iostream>

using namespace std;

void zamien(int & r1, int & r2 ); //przekazanie parametrów przez referencje


int main()
{
    double z = 10;
    double & z1 = z; //referancja
    double & z2 = z1;
    cout << "z  = " << z << " adres: " << &z << " rozmiar: " << sizeof(z) << endl;
    cout << "z1 = " << z1 << " adres: " << &z1 << " rozmiar: " << sizeof(z1) << endl;
    cout << "z2 = " << z2 << " adres: " << &z2 << " rozmiar: " << sizeof(z2) << endl;
    z1++;
    cout << "wykonano: z1++;" << endl;
    cout << "z  = " << z  << endl;
    cout << "z1 = " << z1 << endl;
    cout << "z2 = " << z2 << endl;
    z2++;
    cout << "wykonano: z2++;" << endl;
    cout << "z  = " << z  << endl;
    cout << "z1 = " << z1 << endl;
    cout << "z2 = " << z2 << endl << endl;

    int x=0,  y=1;
    cout << "x = " << x << " y = " << y << endl;
    zamien(x,y);
    cout << "wykonano: zamien(x,y);" << endl;
    cout << "x = " << x << " y = " << y << endl;
    return 0;
}

void zamien(int & r1, int & r2 )
{
    int memo = r1;
    r1 = r2;
    r2 = memo;
}
/*
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z  = 10 adres: 0x28ff00 rozmiar: 8
z1 = 10 adres: 0x28ff00 rozmiar: 8
z2 = 10 adres: 0x28ff00 rozmiar: 8
wykonano: z1++;
z  = 11
z1 = 11
z2 = 11
wykonano: z2++;
z  = 12
z1 = 12
z2 = 12

x = 0 y = 1
wykonano: zamien(x,y);
x = 1 y = 0

-----------------------------------
*/
```