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

int main() {

    int counter = 0;
    int win[6] = {0};

    for (int i0 = 0; i0 < 10; i0++) {
        for (int i1 = 0; i1 < 10; i1++) {
            for (int i2 = 0; i2 < 10; i2++) {
                for (int i3 = 0; i3 < 10; i3++) {
                    for (int i4 = 0; i4 < 10; i4++) {
                        for (int i5 = 0; i5 < 10; i5++) {
                            win[0] = i0;
                            win[1] = i1;
                            win[2] = i2;
                            win[3] = i3;
                            win[4] = i4;
                            win[5] = i5;

                            for (int x = 0; x < 6; x++) {
                                cout << win[x];
                            }
                            cout << endl;
                            counter++;
                        }
                    }
                }
            }
        }
    }
    cout<< "counter is: << counter << endl;

    return 0;
}
```