

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

int main() {
    int number, count = 0;
    char choice;

    do {
        cout << "Enter the number: ";
        cin >> number;
        if (number % 8 == 0) {
            count++;
        } else {
            break;
        }
        cout << "Do you want to enter another number? (y/n): ";
        cin >> choice;
    } while (choice == 'y' || choice == 'Y');

    cout << "Total " << count << " numbers are valid numbers." << endl;

    return 0;
}
```