

```
#include <iostream>

using namespace std;

int main()
{
    int year = 12,
        value = 10,
        total = 0;

    do
    {
        year++;
        value *= 2;
        total += value;
    }
    while(value*2 < 1000);

    cout << "Age: " << year << endl;
    cout << "Last gift: " << value << endl;
    cout << "Total: " << total << endl;

    cin.get();

    return 0;
}
```