

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      float A = 52;
8      float B = 85;
9      float Population_growth_A = 0.06;
10     float Population_growth_B = 0.04;
11     int year = 2023;
12     int year_count = 0 ;
13     while (A<=B)
14     {
15         A+=A*Population_growth_A ;
16         B+=B*Population_growth_B ;
17         year_count++;
18         cout <<"Years of A = " << A << "\t"<<"Years of B = "<<B <<"\t " <<"year = " <<year_count <<endl;
19     }
20     cout << "No of years needed = "<<year_count<<endl;
21     return 0;
22 }
23
```