

```
#include <stdio.h>

int main() {
    int initialPopulation = 30000;
    float increasePercentageYear1 = 20.0;
    float increasePercentageYear2 = 30.0;

    float populationYear1 = initialPopulation + (initialPopulation *
(increasePercentageYear1 / 100.0));

    float populationYear2 = populationYear1 + (populationYear1 *
(increasePercentageYear2 / 100.0));

    printf("Population after two years: %d\n", (int)populationYear2);

    return 0;
}
```