

```
1  #include <bits/stdc++.h>
2  using namespace std;
3  using ll = long long;
4  int main(){
5      double a;
6      cin >> a;
7      ll x = a;
8      for(int i = 15; i >= 0; i--){
9          cout << (bool)(x & (1 << i));
10         if((ll)a != a){
11             cout << ".";
12             for(int i = 0; i < 10; i++){
13                 a -= (ll)a;
14                 a *= 2;
15                 cout << (ll)a;
16                 if((ll)a a--);
17             }
18         }
19         return 0;
20     }
21 }
```