

```
1  #include <iostream>
2
3  using namespace std;
4  int fun ()
5  {
6      float sum = 0;
7      int no_terms = 0 ;
8      int i = 1 ;
9      while (sum < 2 )
10     {
11         sum+=1.0/i;
12         i++ ;
13         no_terms ++ ;
14     }
15     return no_terms ;
16 }
17
18 int main()
19 {
20     cout << fun()<<endl;
21     return 0;
22 }
23
```