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H34086115_hw6-1.cpp H34086115_hw6-2.cpp
1 //=====
2 // Name      : H34086115_hw6-2.cpp
3 // Author    :
4 // Version   :
5 // Copyright : Your copyright notice
6 // Description : Hello World in C++, Ansi-style
7 //=====
8
9 #include <iostream>
10 #include <cstdlib>
11 #include <ctime>
12 using namespace std;
13
14 int flip();
15 int head = 0, tail = 0;
16 int main() {
17     srand(time(0));
18     for (int routine = 0; routine < 100; routine++){
19         if (flip() == 1) {
20             cout << "head" << endl;
21             head++;
22         }
23         else {
24             cout << "tail" << endl;
25             tail++;
26         }
27     }
28     cout << "heads: " << head << endl;
29     cout << "tails: " << tail;
30 }
31 int flip(){
32     int face = rand()%2;
33     return face;
34 }
35
```