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1  #include <iostream>
2  #include <ctime>
3  #include <cstdlib>
4  using namespace std;
5
6  int Question();
7  void Badcomment();
8  void Goodcomment();
9  int x, y;
10 int main() {
11     srand (time(0));
12     int ans;
13     for (;;) {
14         int result = Question();
15         cin >> ans;
16         while(result != ans) {
17             Badcomment();
18             cout << endl;
19             cout << "How much is "<< x<< " times "<<y<< "?";
20             cin >> ans;
21         }
22         Goodcomment();
23         cout << endl;
24     }
25     return 0;
26 }
27 int Question() {
28     x= rand()%10;
29     y= rand()%10;
30     cout << "How much is "<< x<< " times "<<y<< "?";
31     return x*y;
32 }
33 void Goodcomment(){
34     int counter1 = 1 + rand()%4;
35     switch(counter1)
36     {
37     case 1:
38         cout<<" Very good! ";
39         return ;
40     case 2:
41         cout<<" Excellent! ";
42         return ;
43     case 3:
44         cout<<" Nice Work! ";
45         return ;
46     case 4:
47         cout<<" Keep up the good work!";
48         return ;
49     }
50 }
51 void Badcomment(){
52     int counter2 = 1 + rand()%4;
53     switch(counter2)
54     {
55     case 1:
56         cout<<" No. Please try again. ";
57         return ;
58     case 2:
59         cout<<" Wrong. Try once more. ";
60         return ;
61     case 3:
62         cout<<" Don't give up! ";
63         return ;
64     case 4:
65         cout<<" No. Keep trying.";
66         return ;
67     }

```

C:\devcpp\hw10\10-4\10-4.exe

```

How much is 2 times 6?12
Nice Work!
How much is 0 times 4?0
Very good!
How much is 6 times 6?45
Wrong. Try once more.
How much is 6 times 6?34
Don't give up!
How much is 6 times 6?36
Keep up the good work!
How much is 2 times 5?10
Keep up the good work!
How much is 5 times 8?

```