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C:\Users\MooZV\Desktop\cpp\chapter3\cmake-build-debug\chapter3.exe
please input number of questions
9
please input degree of difficulty,[1~9]
1
Do you use multiplication and division?,[Y/N]
y
0 + 86 =
Please enter the calculation result:
86
answering correctly

6 + 83 =
Please enter the calculation result:
89
answering correctly

16 * 60 =
Please enter the calculation result:
960
answering correctly

49 / 72 =
Please enter the calculation result:
.68
answering correctly

82 * 52 =
Please enter the calculation result:
0
answering wrongly

8 + 35 =
Please enter the calculation result:
43
answering correctly
```

```
24 * 9 =
Please enter the calculation result:
2
answering wrongly

31 / 38 =
Please enter the calculation result:
0.8
answering wrongly

66 + 67 =
Please enter the calculation result:
133
answering correctly

wrong num:3
correct num:6
1 82 * 52 = 4264.000000
2 24 * 9 = 216.000000
3 31 / 38 = 0.815789
shortest time 1.992000 s
average time 7.952222 s

Process finished with exit code 0
```

说明:

创建一个TikTok类, 维护时间, 将总用时 `sum`, 最小用时 `min`, 声明成静态成员变量。

创建一个difficult类, 维护题目的难度 (题目数量: `count`, 出题范围 `[rangL, rangR]`, 是否用乘除法 `flag`)

对只使用加法, 随机生成一个数, 使用 `&` 运算, 截取最后一位, 则只有两种情况 0x01 0x00

若还要添加上乘除法, 使用 `&` 运算, 截取最后两位, 则有四种情况 0x00 0x01 0x10 0x11

需要注意的是, 存在除法时, 需要使用自定义精度, 以确定相等。