

## [Help](#)

```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2007+2) //The "#els
#else

/// \ file base.h
/// \ brief numerical constant
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#ifndef _BASE_H
#define _BASE_H

#include <iostream>
// #define NDEBUG
#include <cassert>
#include <cstdlib>

const double TOLERANCE = 1.e-03;
const int SIMPSON_NO = 20;
const double RIEMANN_NUM_INTEGR_PRECISION = 1.e-03;
const double INC = 1.e-06;

// inline double SQR(double x)
// {
//     return x*x;
// }

// using namespace std;

struct DateRate
{
    // public:
    double date;
    double rate;
    DateRate(double _date = 0, double _rate = 1):
        date(_date), rate(_rate)
    {
```

```
    if ((date < 0) || (rate <= 0))
    {
        std::cout << "DateRate Constructor: Incorrect input data!\ n";
        exit(1);
    }
};
```

```
#endif
```

```
#endif //PremiaCurrentVersion
```