```
    Help
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion <
     (2007+2) //The "#else" part of the code will be freely av
    ailable after the (year of creation of this file + 2)
#else

/// {file base.h
/// {brief numerical constant
/// {author  M. Ciuca (MathFi, ENPC)
/// {note (C) Copyright Premia 8 - 2006, under Premia 8 Sof
    tware license
//
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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 inp
    ut data!{n";
      exit(1);
    }

  }
};
```

```
#endif

#endif //PremiaCurrentVersion
```

References