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```
#ifndef _PREMIAOPTION_HPP
#define _PREMIAOPTION_HPP

#include "pnl/pnl_matrix.h"
#include "math/ImportanceSampling_jl/src/parser.hpp"
#include "math/ImportanceSampling_jl/src/Option.hpp"
#include "numfunc.h"

class PremiaOption : public BaseOption
{
public:
    PremiaOption();
    PremiaOption(const Param &ParamTab);
    ~PremiaOption();
    void print() const;

    double payoff(const PnlMat *path_val);
    NumFunc_nd *m_numfunc;
};

#endif /* _PREMIAOPTION_HPP */
```