```cpp
 1  #ifndef EX03_LIBRARY_H_
 2  #define EX03_LIBRARY_H_
 3
 4  #include <string>
 5  #include <map>
 6  #include <set>
 7
 8  class CurrencyConverter {
 9  private:
10      std::set<std::string> currencies;
11      std::map<std::string, double> currencyToExchangeRate;
12
13      double serve(double, std::string, double(*func1)(double, double));
14
15  public:
16      CurrencyConverter();
17      bool supportsCurrency(std::string);
18      void print();
19      bool addCurrency(std::string , double);
20      bool updateExchangeRate(std::string , double);
21      double convertToDKK(double , std::string);
22      double convertFromDKK(double , std::string);
23  };
24
25  #endif
```