```
#include <iostream>
using namespace std;

class Date {
public:
   Date(int mn=12,int dy=31,int yr=1999):month(mn),year(yr),
                                          day(dy){
         cout<<"Konstruktor Date"<<endl;
         cout<<"Tag  ="<<day<<endl;
         cout<<"Monat="<<month<<endl;
         cout<<"Jahr ="<<year<<'\n'<<endl;
   }

   ~Date(){ cout<<"Destruktor Date"<<endl; }

   int getMonth() const;     // A read-only function
   void setMonth( int mn ); // A write function cannot be const
   int getYear() const;
   void setYear( int yr) const;// const write function

private:
   int day;
   int month;
   mutable int year; // mutable: assign by const funct. allowed
};

int Date::getMonth() const { // const function
   return month;             // Doesn't modify anything
}

int Date::getYear()  const { // const function
   return year;              // Doesn't modify anything
}

void Date::setMonth( int mn ) {
   month = mn;               // Modifies data member
}

void Date::setYear(int yr) const { // const memberfunction
   year = yr;           // OK: modifies a mutable data member
   cout<<"Monat="<<month<<endl;
   cout<<"Jahr ="<<year<<'\n'<<endl;
   // month=12; // Error: modifies a non-mutable data member
    // int i=setMonth(month); // Error
}
```

```
void main(){
     const Date t1;
      t1.setYear(2000);
//    t1.setMonth(1);      // Error
      cout<<"Monat = "<<t1.getMonth()<<endl;
      cout<<"Jahr  = "<<t1.getYear()<<endl;
      cin.get();
}
```