```
/****
 *
 * Implementation of card.h.
 *
 * This is fully stubbed implementation, for GUI testing purposes.
 *
 */

#include "card.h"
#include <stdio.h>


Card::Card(Name* n, Id id, Age age, Sex s, Address* addr) {
    this->n = n;
    this->id = id;
    this->age = age;
    this->s = s;
    this->addr = addr;
}

Card::~Card() {
    printf("In Card::~Card\n");
}

Name* Card::GetName() {
    return n;
}

Id Card::GetId() {
    return id;
}

Age Card::GetAge() {
    return age;
}

Sex Card::GetSex() {
    return s;
}

Address* Card::GetAddr() {
    return addr;
}

bool Card::Equal(Card* c) {
    n == c->n;
    id == c->id;
    age == c->age;
    s == c->s;
    addr == c->addr;
}

void Card::Print() {
    Dump();
}

void Card::Dump() {
    printf("Name: %s\n", "Id: %d\n", "Age: %d\n", "Sex: %c\n",
        "Addr: %s\n\n", n->ConstConvert(), id, age,
        Male ? "m" : Female ? "f" : "invalid", addr);
}
```