Customer.h

```objc
#import <Foundation/Foundation.h>
@import Foundation;


@interface Customer : NSObject
```

```objc
@end
```

Customer.m

```objc
#import "Customer.h"

@interface Customer ()

@end

@implementation Customer
```

```objc
@end
```

```objc
@import Foundation;




@interface Customer : NSObject {
    NSString* _firstName;
}
@property (nonatomic, strong) NSString* firstName;

- (NSString*)firstName;
- (void)setFirstName:(NSString *)firstName;
```

```objc
#import "Customer.h"

@interface Customer ()
@property (nonatomic, strong) NSDate* birthday;
@end

@implementation Customer

@synthesize firstName = _firstName;

- (NSString *)firstName
{
    return _firstName;
}
- (void)setFirstName:(NSString *)firstName
{
    _firstName = firstName;
}
```

@end   @end

Customer.h

```objc
@import Foundation;




@interface Customer : NSObject
@property (nonatomic, strong) NSString* firstName;
@property (nonatomic, strong) NSString* lastName;
@property (nonatomic, strong) NSInteger age;

- (NSString*)fullname;
- (void)setFullnameWithFirstName:(NSString*)firstName
                      andLastName:(NSString*)lastName;
- (void)ageCustomerByYears:(NSInteger)years;







@end
```

Customer.m

```objc
#import "Customer.h"

@interface Customer ()
@property (nonatomic, strong) NSDate* birthday;
@end

@implementation Customer

- (NSString*)fullname
{
    NSString* fullname = [NSString stringWithFormat:@"%@, %@",
                                    self.firstName, [self lastName]];
    return fullname;
}

- (void)setFullnameWithFirstName:(NSString*)firstName andLastName:
                                            (NSString*)lastName
{
    _firstName = firstName;
    _lastName = lastName;
}

- (void)ageCustomerByYears:(NSInteger)years
{
    self.birthday = [self.birthday dateByAddingTimeInterval:
                                    60*60*24*365*years];

    [self setAge:self.age + years];
}


@end
```

```objc
@import Foundation;



@interface Customer : NSObject
@property (nonatomic, strong) NSString* firstName;
@property (nonatomic, strong) NSString* lastName;
@property (nonatomic, strong) NSInteger age;

- (NSString*)fullname;
- (void)setFullnameWithFirstName:(NSString*)firstName
                    andLastName:(NSString*)lastName;
- (void)ageCustomerByYears:(NSInteger)years;













@end
```

```objc
#import "Customer.h"

@interface Customer ()
@property (nonatomic, strong) NSDate* birthday;
@end

@implementation Customer

- (NSString*)fullname { … }





- (void)setFullnameWithFirstName:(NSString*)firstName andLastName:
                                     (NSString*)lastName { … }




- (void)ageCustomerByYears:(NSInteger)years { … }







@end
```

```objc
@import Foundation;



@interface Customer : NSObject
@property (nonatomic, strong) NSString* firstName;
@property (nonatomic, strong) NSString* lastName;
@property (nonatomic, strong) NSInteger age;

- (NSString*)fullname;
- (void)setFullnameWithFirstName:(NSString*)firstName
                     andLastName:(NSString*)lastName;
- (void)ageCustomerByYears:(NSInteger)years;


+ (NSString*)displayNameWithFirst:(NSString*)first
                          andLast:(NSString*)last;
```

```objc
#import "Customer.h"

@interface Customer ()
@property (nonatomic, strong) NSDate* birthday;
@end

@implementation Customer
- (NSString*)fullname { … }
- (void)setFullnameWithFirstName:(NSString*)firstName andLastName:
                                 (NSString*)lastName { … }
- (void)ageCustomerByYears:(NSInteger)years { … }

- (instancetype)init
{
    self = [super init];
    if (self) {
        _firstName = @"John";
        _lastName = @"Doe";
        _birthday = nil;
    }
    return self;
}

+ (NSString*)displayNameWithFirst:(NSString*)first
                          andLast:(NSString*)last
{
    return [NSString stringWithFormat:@"%@, %@", first, last];
}
```

@end   @end

```objc
mer.h"

tomer ()
atomic, strong) NSDate* birthday;


n Customer
ullname { … }
lnameWithFirstName:(NSString*)firstName andLastName:
                           (NSString*)lastName { … }
tomerByYears:(NSInteger)years { … }

e)init

per init];
{
Name = @"John";
ame = @"Doe";
day = nil;

f;


isplayNameWithFirst:(NSString*)first
             andLast:(NSString*)last

String stringWithFormat:@"%@, %@", first, last];
```

```objc
#import "CustomerDatabase.h"
#import "Customer.h"

@interface CustomerDatabase ()
@property Customer* cust;
@end

@implementation CustomerDatabase

- (void)main
{

    [self createCustomer];
    [self logCustomer];
}

- (void)createCustomer
{

    self.cust = [[Customer alloc] init];
    [self.cust setFullnameWithFirstName:@"Hello"
                           andLastName:@"World"];
}


- (void)logCustomer
{

    NSString* log = [Customer displayNameWithFirst:self.cust.firstName
                                   andLast:self.cust.lastName];
}


@end
```

```objc
@import Foundation;


@interface Customer : NSObject
@property (nonatomic, strong) NSString* firstName;
@property (nonatomic, strong) NSString* lastName;
@property (nonatomic, strong) NSInteger age;

- (NSString*)fullname;
- (void)setFullnameWithFirstName:(NSString*)firstName
                     andLastName:(NSString*)lastName;
- (void)ageCustomerByYears:(NSInteger)years;


+ (NSString*)displayNameWithFirst:(NSString*)first
                  andLast:(NSString*)last;


@end
```