

Разработка приложений для OS X

Лекция 5
Шаблоны проектирования. Введение в Cocoa.

Hexlet University, 2012

Fast Enumeration

- Для классов реализующих протокол `NSFastEnumeration` protocol

```
for ( Type newVariable in expression ) { statements }
```

```
NSArray *array = [NSArray arrayWithObjects:  
    @"one", @"two", @"three", @"four", nil];  
  
for (NSString *element in array) {  
    NSLog(@"element: %@", element);  
}
```

Dictionaries

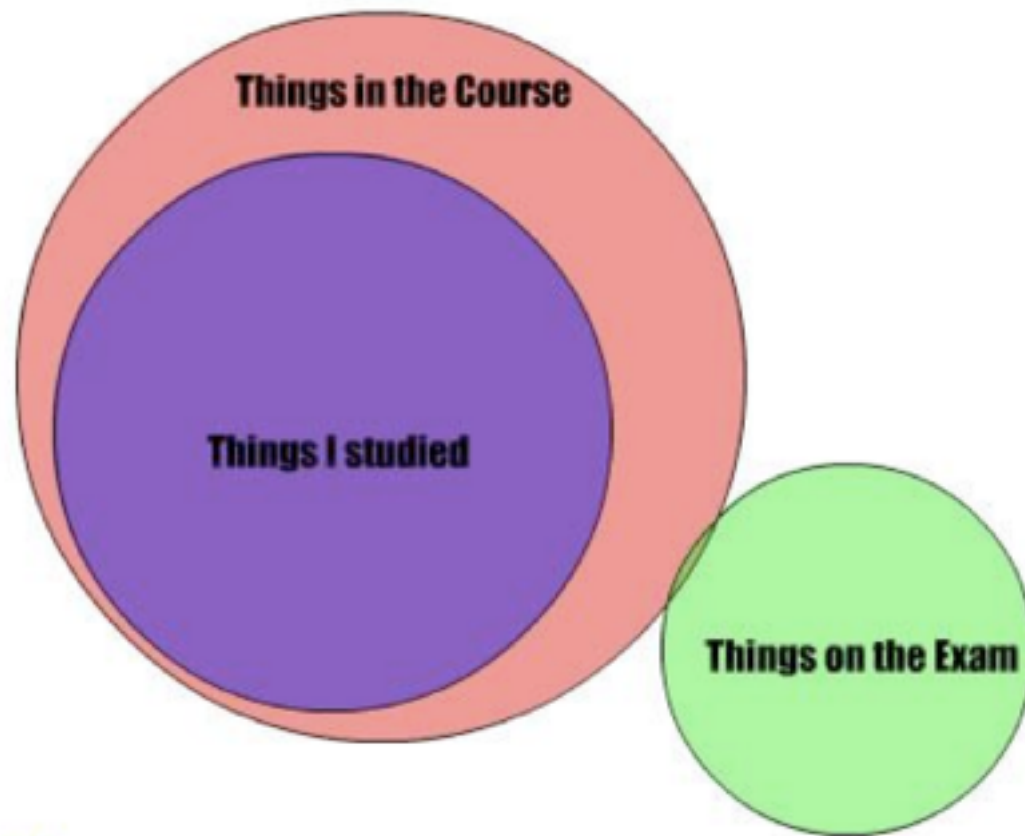
```
NSDictionary *myLibrary = [NSDictionary dictionaryWithObjectsAndKeys:  
    @"Wind in the Willows", @"100-432112",  
    @"Tale of Two Cities ", @"200-532874",  
    @"Sense and Sensibility", @"202-546549",  
    @"Shutter Island", @"104-109834",  
    nil];
```

```
NSMutableDictionary *myLibrary = [NSMutableDictionary dictionary];
```

```
[myLibrary setObject: @"Wind in the Willows" forKey: @"100-432112"];  
[myLibrary setObject: @"Tale of Two Cities " forKey: @"200-532874"];  
[myLibrary setObject: @"Sense and Sensibility" forKey: @"202-546549"];  
[myLibrary setObject: @"Shutter Island" forKey: @"104-109834"];
```

- [myDict objectForKey: ...]
- [myDict removeObjectForKey: ...]
- [myDict removeAllObjects]

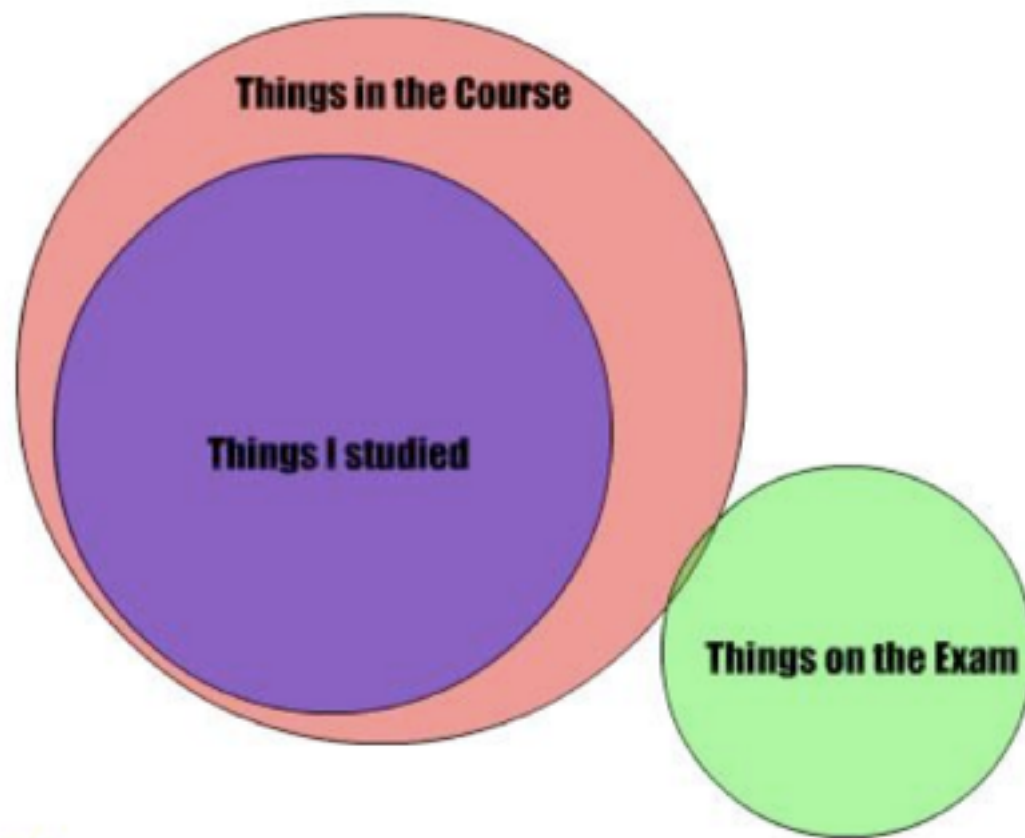
Final Exams



Sets

11/11/21

Final Exams



Sets

```
NSSet *mySet;  
NSSet *yourSet;  
mySet = [NSSet initWithObjects:@"someString", 45, someObject, nil];  
yourSet = [NSSet initWithObjects:@"blabla", 3, 45, nil];
```

```
NSLog(@"%@", [mySet count]);  
BOOL x = [mySet isSubsetOfSet:yourSet]; // false  
BOOL y = [mySet isEqualToSet:yourSet]; // false  
BOOL z = [mySet intersectsSet: yourSet]; // true  
id m = [mySet member:@"someString"]; // returns @"someString"
```



dataSource

- Давайте добавим другие голоса
- Список голосов в NSTableView
- У него есть helper-метод dataSource
- Он ожидает что dataSource реализует два метода:

```
- (NSInteger)numberOfRowsInTableView:(NSTableView *)aTableView;  
- (id)tableView:(NSTableView *)aTableView  
objectValueForTableColumn:(NSTableColumn *)aTableColumn row:(NSInteger)rowIndex;
```

