Sections

```objc
NSMutableArray *ds1, *ds2, *ds3;
- (void)viewDidLoad
{
    [super viewDidLoad];

    // Uncomment the following line to preserve selection between presentations.
    // self.clearsSelectionOnViewWillAppear = NO;

    // Uncomment the following line to display an Edit button in the navigation bar for this view controller.
    // self.navigationItem.rightBarButtonItem = self.editButtonItem;
    ds1=[[NSMutableArray alloc] initWithObjects:@"a1",@"a2", nil];
    ds2=[[NSMutableArray alloc] initWithObjects:@"b1",@"b2",@"b3", nil];
    ds3=[[NSMutableArray alloc] initWithObjects:@"c1",@"c2",@"c3", nil];
}


- (NSInteger)numberOfSectionsInTableView:(UITableView *)tableView
{

    // Return the number of sections.
    return 3;
}

- (NSInteger)tableView:(UITableView *)tableView numberOfRowsInSection:(NSInteger)section
{
    // Return the number of rows in the section.

    switch(section)
    {
        case 0: return [ds1 count]; break;
        case 1: return [ds2 count]; break;
        case 2: return [ds3 count]; break;
    }

}  ⚠ Control may reach end of non-void f


- (UITableViewCell *)tableView:(UITableView *)tableView cellForRowAtIndexPath:(NSIndexPath *)indexPath
{
    static NSString *CellIdentifier = @"Cell";

    UITableViewCell *cell = [tableView dequeueReusableCellWithIdentifier:CellIdentifier];
    if (cell == nil) {
        cell = [[UITableViewCell alloc] initWithStyle:UITableViewCellStyleDefault reuseIdentifier:CellIdentifier];
    }

    switch(indexPath.section)
    {
        case 0: cell.textLabel.text=[ds1 objectAtIndex:indexPath.row]; break;
        case 1: cell.textLabel.text=[ds2 objectAtIndex:indexPath.row]; break;
        case 2: cell.textLabel.text=[ds3 objectAtIndex:indexPath.row]; break;
    }

    // Configure the cell...

    return cell;
}


- (NSString *)tableView:(UITableView *)tableView titleForHeaderInSection:(NSInteger)section
{
    NSString *sectionName;
    switch (section)
    {
        case 0:
            sectionName = @"1";
            break;
        case 1:
            sectionName = @"2";
            break;
        case 2: sectionName=@"3";
            break;
    }
    return sectionName;
}
```