11.UIPickerView(1)

ViewController.m

@interface ViewController ()<UIPickerViewDelegate,UIPickerViewDataSource>

//普通代理协议，处理视图选取等普通事件协议功能

//数据协议代理，处理获取数据的代理协议函数

@end

@implementation ViewController

- (void)viewDidLoad {

[super viewDidLoad];

// Do any additional setup after loading the view, typically from a nib.

//创建选择视图对象

//显示多组数据和多个元素以供选择

//例如选择日期时间，日历等

//地区地址等

UIPickerView\* pickerView = [[UIPickerView alloc]init];

pickerView.frame = CGRectMake(10, 100, 300, 200);

//设置普通代理对象为当前的视图控制器

pickerView.delegate = self;

//设置数据代理对象为当前视图控制器

pickerView.dataSource = self;

[self.view addSubview:pickerView];

}

- (void)didReceiveMemoryWarning {

[super didReceiveMemoryWarning];

// Dispose of any resources that can be recreated.

}

//实现获取数组的协议函数

//返回值为选择视图的组数

//整数类型

-(NSInteger)numberOfComponentsInPickerView:(UIPickerView \*)pickerView

{

//组数

return 3;

}

//实现每组元素的个数

//每组元素有多少行

//P1：调用此协议函数的选择视图本身

//P2：第几组的元素个数

-(NSInteger)pickerView:(UIPickerView \*)pickerView numberOfRowsInComponent:(NSInteger)component

{

//对component判断可改变没列个数

if (component == 0) {

return 5;

}

//每组10个元素

return 10;

}

//显示每个元素的内容

//P1：调用此协议函数的选择视图本身

//P2：行数

//P3：组数

-(NSString \*)pickerView:(UIPickerView \*)pickerView titleForRow:(NSInteger)row forComponent:(NSInteger)component

{

NSString\* str = [NSString stringWithFormat:@"%d组%d行",component,row+1];

return str;

}

-(CGFloat)pickerView:(UIPickerView \*)pickerView rowHeightForComponent:(NSInteger)component

{

//可以根据component加判断

return 80;

}

//自定义视图显示到选择视图

-(UIView \*)pickerView:(UIPickerView \*)pickerView viewForRow:(NSInteger)row forComponent:(NSInteger)component reusingView:(UIView \*)view

{

UIImage\* image = [UIImage imageNamed:[NSString stringWithFormat:@"%d.png",(row)%7+1]];

UIImageView\* iview = [[UIImageView alloc]initWithImage:image];

iview.frame = CGRectMake(0, 0, 80, 80);

return iview;

}

@end