Ionic 2 code:

**In command prompt:**

**Open file:** cd filename

**Go back:** cd..

**Saved under:** schul/ionic/

**Create app**: **Ionic 2:** ‘ionic start AppName blank –v2’

**Ionic 3:** ‘ionic start new-ionic3-angular4 tabs’

**Run app**: ‘ionic serve –l’

**Test app:** ionic run android

**Run emulator:** $ (ionic cordova build android)

$ ionic cordova emulate android

ionic cordova run android -l –c

Open VS project: cd <project name>, <enter>, then type ‘code .’

**Add new page:**

ionic g page <pageName>

**Installs:**

Ionic platform add android

cordova plugin add cordova-plugin-whitelist

put this in www folder: <meta http-equiv="Content-Security-Policy" content="script-src 'self' 'unsafe-eval' 'unsafe-inline' \*; object-src 'self'; style-src 'self' 'unsafe-inline'; media-src \*">

**Header:**

<ion-header>

<ion-navbar color="primary">

<ion-title>

Blend

</ion-title>

</ion-navbar>

</ion-header>

**Sidebar Menu:**

<ion-navbar color="primary">

<button ion-button menuToggle icon-only>

<ion-icon name='menu'></ion-icon>

</button>

Inside content:

<ion-menu [content]="content">

<ion-header>

<ion-toolbar>

<ion-title>Menu</ion-title>

</ion-toolbar>

</ion-header>

<ion-content>

<ion-list>

<button ion-item (click)="openPage(homePage)">

Home

</button>

<button ion-item (click)="openPage(friendsPage)">

Friends

</button>

<button ion-item (click)="openPage(eventsPage)">

Events

</button>

<button ion-item (click)="closeMenu()">

Close Menu

</button>

</ion-list>

</ion-content>

</ion-menu>

Outside content:

<ion-nav id="nav" #content [root]="rootPage"></ion-nav>

**FAB:**

<ion-fab right bottom>

<button ion-fab color="dark"><ion-icon name="arrow-dropleft"></ion-icon></button>

<ion-fab-list side="left">

<button ion-fab><ion-icon name="logo-facebook"></ion-icon></button>

<button ion-fab><ion-icon name="logo-twitter"></ion-icon></button>

<button ion-fab><ion-icon name="logo-vimeo"></ion-icon></button>

<button ion-fab><ion-icon name="logo-googleplus"></ion-icon></button>

</ion-fab-list>

</ion-fab>

**Cards:**

<ion-card>

<ion-card-header>

Calculator Results:

</ion-card-header>

<ion-card-content>

<p>

First Number is... **{{**firstNumber**}}**

</p>

</ion-card-content>

</ion-card>

**Padding:**

<div padding-top>

</div>

**Buttons:**

<button ion-button outline (click)="function()">Calculate</button>

**Center button:**

<ion-buttons text-center>

<button ion-button outline (click)="function()">Calculate</button>

</ion-buttons>

**Padding and Alignment:**

<div style="width: 100%; padding: 10px; text-align:center;">

<button ion-button item-right (click)="nextPage()">next page</button>

</div>

**Input:**

<ion-input type="number" [(ngModel)]="firstNumber"></ion-input>

**Input & button next to each other:**

<div class="item row">

<div class="col">

<ion-input type="text" placeholder="enter name"></ion-input>

</div>

<div class="col">

<button ion-button class="button" float-right (click)="add()">add</button>

</div>

</div>

**or**

<ion-item>

<ion-input type="text" placeholder="enter name"></ion-input>

<button ion-button item-right class="button" (click)="add()">add</button>

</ion-item>

**Text Field:**

<ion-label color="primary"> text = {{textVariable}} </ion-label>

**Links:**

<a href="http://ionicframework.com/docs/v2">docs</a>

**Lists:**

<ion-list>

    <ion-item>I</ion-item>

    <ion-item>am</ion-item>

    <ion-item>a</ion-item>

    <ion-item>list</ion-item>

</ion-list>

OR

**In .ts:**

 constructor(public navCtrl: NavController) {

        this.groceries = [

            'Bread',

            'Milk',

            'Cheese'

        ];

    }

**In HTML:**

<ion-list>

        <ion-item \*ngFor="let grocery of groceries">{{grocery}}</ion-item>

</ion-list>

**Print variables:**

var x = 23;

document.write(x);

**Text adjust:**

|  |
| --- |
| **text-uppercase** |
| **text-lowercase** |
| **text-capitalize** |
| **text-left** |
| **text-right** |
| **text-center** |
| **text-wrap** |

**Grid:**  1 of 3 2 of 3 3 of 3

<ion-grid>

<ion-row>

<ion-col>

1 of 3

</ion-col>

<ion-col>

2 of 3

</ion-col>

<ion-col>

3 of 3

</ion-col>

</ion-row>

</ion-grid>

**Modal:**

import { ModalController } from 'ionic-angular';

import { SampleModalPage } from '../sample-modal/sample-modal';

openModal() {

let myModal = this.modalCtrl.create(SampleModalPage);

myModal.present();

}

closeModal() {

this.viewCtrl.dismiss(this.email);

}

**Action Sheet:**

presentActionSheet() {

let actionSheet = this.actionSheetCtrl.create({

title: 'Modify your album',

buttons: [

{

text: 'Destructive',

role: 'destructive',

handler: () => {

console.log('Destructive clicked');

}

},{

text: 'Archive',

handler: () => {

console.log('Archive clicked');

}

},{

text: 'Cancel',

role: 'cancel',

handler: () => {

console.log('Cancel clicked');

}

}

]

});

actionSheet.present();

}

**Alerts:**

import { AlertController } **from** 'ionic-angular';

showAlert() {

**let** alert **=** **this**.alertCtrl.create({

title: 'New Friend!',

subTitle: 'Your friend, Obi wan Kenobi, just accepted your friend request!',

buttons: ['OK']

});

alert.present();

}

**Search bar:**

<ion-searchbar (ionInput)="getItems($event)"></ion-searchbar>

getItems(ev) {

this.initializeItems();

// set val to the value of the ev target

var val = ev.target.value;

// if the value is an empty string don't filter the items

if (val && val.trim() != '') {

this.items = this.items.filter((item) => {

return (item.toLowerCase().indexOf(val.toLowerCase()) > -1);

})

}

}

**Javascript:**

**Functions:**

<script type=”text/javascript”>

function funky(){

alert(“ouch!”); //makes an alert popup.

}

</script>

<form>

<input type=”button” value=”touch me” onClick=”funky()”>

</form>

**One alert box after the other:**

onClick=”alert(‘ah!’); alert(‘2 times’);”/>

**Navigate to another page**

nextPage() {

this.navCtrl.push(MainPage);

}