#1

function doGet(e) {

let temp = 'index';

if ('page' in e.parameters) {

temp = e.parameters['page'][0]

}

try {

const html = HtmlService.createTemplateFromFile(temp);

html.data = { title: temp, e: e }

return html.evaluate();

}

catch (err) {

const html = HtmlService.createHtmlOutput('Page not found 404 Error:' + JSON.stringify(err));

return html;

}

}

function getScriptUrl() {

const url = ScriptApp.getService().getUrl();

return url;

}

function menu() {

const url = getScriptUrl();

let html = HtmlService.createHtmlOutputFromFile('menu').getContent();

html = html.replace(/\?page/g, url + '?page');

Logger.log(html);

return html;

}

function tester() {

const filename = 'index';

Logger.log(HtmlService.createHtmlOutputFromFile(filename));

Logger.log(HtmlService.createHtmlOutputFromFile(filename).getContent());

}

function include(filename) {

return HtmlService.createHtmlOutputFromFile(filename).getContent();

}

<script>

const datags = <?!= JSON.stringify(data) ?>;

console.log(datags);

//document.write(JSON.stringify(datags));

</script>

<!DOCTYPE html>

<html>

<head>

<base target="\_top">

<?!= include('style1') ?>

</head>

<body>

<h1>Hello this is page index</h1>

<?!= menu() ?>

<?!= include('randomWords') ?>

<?!= include('random2') ?>

</body>

</html>

<script>

function randomWords(){

let h1 = document.createElement('h1');

let title = datags.title.toUpperCase();

h1.textContent = `${title} Is this current page`;

document.body.append(h1);

let output = document.createElement('div');

document.body.append(output);

for(let i = 0;i<100;i++){

let val = Math.floor(Math.random()\*8)+1;

output.innerHTML += Math.random().toString(36).substr(2,val) + ' ';

}

}

</script>

<style>

body {

background:#eee;

color:#111;

}

ul{

list-style-type:none;

margin:0;

padding:0;

overflow:hidden;

}

li {

float:left;

}

li a{

display:block;

padding:5px;

background-color:#ccc;

}

</style>

<script>

for(let x=0;x<3;x++){

randomWords();

}

</script>

<div >

<ul style="background:red">

<li><a href="?page=index" target="\_top">Home Page</a></li>

<li><a href="?page=index2" target="\_top">Index 2</a></li>

<li><a href="?page=index3" target="\_top">Index 3</a></li>

<li><a href="?page=index4" target="\_top">Index 4</a></li>

</ul>

</div>

<hr>

#2

function onOpen(){

const ui = DocumentApp.getUi();

ui.createMenu('ADV')

.addItem('sideBar','mysidebar')

.addItem('dialog','mydialog')

.addToUi();

}

function mysidebar(){

const html = HtmlService.createTemplateFromFile('side').evaluate();

html.setTitle('Doc Updater');

DocumentApp.getUi().showSidebar(html);

}

function mydialog(){

const html = HtmlService.createTemplateFromFile('dialog').evaluate();

html.setWidth(600).setHeight(400);

DocumentApp.getUi().showModelessDialog(html,'Dialog');

}

function removeEle(val){

const body = DocumentApp.getActiveDocument().getBody();

const paras = body.getParagraphs();

paras[val].setText('REMOVE');

}

function listEles(){

const body = DocumentApp.getActiveDocument().getBody();

Logger.log(body.getParagraphs());

const holder = [];

const paras = body.getParagraphs();

paras.forEach((p,index)=>{

const obj = {

type:p.getType(),

content:p.getText(),

index : index

}

holder.push(obj);

})

Logger.log(holder);

return holder;

}

function addtoDoc(data){

const body = DocumentApp.getActiveDocument().getBody();

const h = data.h1;

const p = data.p;

const header = body.appendParagraph(h);

const style = {};

style[DocumentApp.Attribute.HEADING] = DocumentApp.ParagraphHeading.HEADING1;

header.setAttributes(style);

const contentPara = body.appendParagraph(p);

const style1 = {};

style1[DocumentApp.Attribute.BACKGROUND\_COLOR] = '#00ff00';

contentPara.setAttributes(style1);

return {success:true};

}

<!DOCTYPE html>

<html>

<head>

<base target="\_top">

<style>

input, textarea, label{

display:block;

}

body{

color:white;

background:#ddd;

}

</style>

</head>

<body>

<h1>Content Adder</h1>

<div >

<label for="heading">Add Heading</label>

<input id="heading" type="text" value="heading">

</div>

<div >

<label for="para">Add Heading</label>

<textarea id="para" ></textarea>

</div>

<div>

<button class="adder">Save to Doc</button>

</div>

<?!= HtmlService.createHtmlOutputFromFile('sidejs').getContent() ?>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<base target="\_top">

</head>

<body>

<div class="output"></div>

<div>

<button class="adder">List page elements</button>

</div>

<?!= HtmlService.createHtmlOutputFromFile('dialogjs').getContent() ?>

</body>

</html>

<script>

const btn = document.querySelector('.adder');

const contentHeader =document.querySelector('#heading');

const contentParagraph =document.querySelector('#para');

console.log(contentParagraph);

console.log(contentHeader);

btn.addEventListener('click',()=>{

const obj = {

'h1' : contentHeader.value,

'p' : contentParagraph.value

}

google.script.run.withSuccessHandler(success).addtoDoc(obj);

console.log('clicked');

})

function success(data){

console.log(data);

}

</script>

<script>

const btn = document.querySelector('.adder');

const output =document.querySelector('.output');

btn.addEventListener('click',loadList);

function loadList(){

google.script.run.withSuccessHandler(success).listEles();

console.log('clicked');

}

function success(data){

console.log(data);

output.innerHTML = '';

data.forEach((el)=>{

console.log(el);

if(el.content.length > 0){

let div = document.createElement('div');

div.textContent = el.content;

div.addEventListener('click',(e)=>{

console.log(el.index);

google.script.run.withSuccessHandler(loadList).removeEle(el.index);

})

output.append(div);

}

})

}

</script>

#3

function doGet(e) {

let email = Session.getActiveUser().getEmail();

try {

const html = HtmlService.createTemplateFromFile('quiz');

html.data = {

data: quizData(),

email: email

}

return html.evaluate();

}

catch (e) {

return HtmlService.createHtmlOutput('<h1>Not found</h1>');

}

}

function quizData() {

const id = '1IFBVT-uvXcHJTZIr4ENMlGZFvuHM6hBkisEyrbHAXvg';

const data = SpreadsheetApp.openById(id).getSheetByName('questions').getDataRange().getValues();

const headings = data[0];

const questions = data.slice(1);

const ques = [];

questions.forEach((el) => {

let obj = {};

headings.forEach((header, index) => {

obj[header.toLowerCase()] = el[index];

})

ques.push(obj);

})

return ques;

}

function addSheet(vals) {

const id = '1IFBVT-uvXcHJTZIr4ENMlGZFvuHM6hBkisEyrbHAXvg';

const sheet = SpreadsheetApp.openById(id).getSheetByName('results');

const headings = sheet.getDataRange().getValues()[0];

const holder = [];

for (x in headings) {

let output = (headings[x] in vals) ? vals[headings[x]] : '';

if (headings[x] == 'date') {

output = new Date();

}

holder.push(output);

}

sheet.appendRow(holder);

let lastRow = sheet.getLastRow();

return { obj: vals, headings: headings, row: lastRow };

}

<script>

const data = <?!= JSON.stringify(data) ?>;

console.log(data);

</script>

<!DOCTYPE html>

<html>

<head>

<base target="\_top">

<style>

.ques {

font-size: 1.5em;

color: black;

font-family: arial;

}

.box {

padding: 10px;

border: 1px solid black;

margin: 5px;

}

label {

font-size: 0.7em;

color: #ddd;

padding: 2px;

}

.guideWord {

font-size: 0.9em;

padding: 10px;

color: #333;

}

button {

display: block;

width: 100%;

padding: 10px;

border-radius: 15px;

border: 1px solid black;

}

.userInfo {

width: 100%;

text-align: center;

background: black;

}

.userInfo input {

width: 70%;

}

</style>

</head>

<body>

<form class="questions">

<div class="userInfo">

<label for="email">Your Email</label>

<input type="email" id="email" name="email">

</div>

<div class="userInfo">

<label for="name">Your Name</label>

<input type="text" id="name" name="name" value="Laurence">

</div>

</form>

<?!= HtmlService.createHtmlOutputFromFile('quizjs').getContent() ?>

</body>

</html>

<script>

console.log('ready');

console.log(data.data);

data.data.sort(()=> .5 - Math.random());

console.log(data.data);

const questions = document.querySelector('.questions');

const myEmail = document.querySelector('#email');

const listQ = document.createElement('div');

const btn = document.createElement('button');

btn.textContent = 'Submit Quiz';

btn.setAttribute('type','submit');

questions.addEventListener('submit',subForm);

questions.append(listQ);

myEmail.value = data.email;

console.log(questions);

data.data.forEach((el)=>{

const li = document.createElement('div');

li.classList.add('box');

listQ.append(li);

genInput(el,li);

console.log(el);

})

questions.append(btn);

function genInput(el,li){

const mc = document.createElement('div');

li.append(mc);

const div1 = document.createElement('div');

div1.textContent = el.question;

div1.classList.add('ques');

mc.append(div1);

const div2 = document.createElement('div');

mc.append(div2);

const span1 = document.createElement('span');

div2.append(span1);

span1.classList.add('guideWord');

span1.textContent = 'Worst';

for( let i=1;i<6;i++){

const span = document.createElement('span');

const input = document.createElement('input');

if(i==1){

input.required = true;

//input.checked = true;

}

input.setAttribute('type','radio');

input.setAttribute('name',el.id);

input.setAttribute('value',i);

input.setAttribute('id',el.id+i);

div2.append(input);

const label = document.createElement('label');

label.setAttribute('for',el.id+i);

label.textContent = i;

div2.append(label);

}

const span2 = document.createElement('span');

div2.append(span2);

span2.classList.add('guideWord');

span2.textContent = 'Best';

}

function subForm(e){

e.preventDefault();

console.log('submit me');

const res = {};

res['name'] = document.querySelector('input[name="name"]').value;

res['email'] = document.querySelector('input[name="email"]').value;

const vals = questions.querySelectorAll('input:checked');

console.log(vals);

vals.forEach((i,index)=>{

res[i.name] = Number(i.value);

})

btn.disabled = true;

btn.style.backgroundColor = 'red';

btn.textContent = 'Saving......';

google.script.run.withSuccessHandler(onSuccess).addSheet(res);

console.log(res);

}

function onSuccess(e){

console.log(e);

questions.innerHTML = `Thank you for submiting your results.

Your results are in row ${e.row}`;

}

</script>