

#1

```
function createaForm() {
  const form = FormApp.create('MyForm');
  const item = form.addTextItem();
  Logger.log(item);
  Logger.log(form);
}

function updateMyForm(){
  const id = '1ssoBcRbLB9x6CFYUR2wbhl-7K5GwnlQl3q2GDCgYJzk';
  const form = FormApp.openById(id);
  Logger.log(form);
}
```

#2

```
function updateMyForm(){
  const id = '1ssoBcRbLB9x6CFYUR2wbhl-7K5GwnlQl3q2GDCgYJzk';
  const form = FormApp.openById(id);
  const item1 = form.addCheckboxItem();
  item1.setChoices([
    item1.createChoice('First'),
    item1.createChoice('Second'),
    item1.createChoice('Three')
  ]);
  const item2 = form.addMultipleChoiceItem();
  item2.setTitle('Do you like Apps Script')
    .setChoiceValues(['Yes', 'No', 'Maybe'])
    .showOtherOption(true);
  form.addPageBreakItem().setTitle('thanks');
  const item3 = form.addGridItem();
  item3.setTitle('rate your favorite Workspace Service')
    .setRows(['Sheets', 'Docs', 'Forms'])
    .setColumns(['Top', 'Average', 'Bad']);
  form.addDateItem().setTitle('When did you first start with Apps Script?')
  Logger.log(form);
}
```

#3

```
function myForm(){
  const id = '1ssoBcRbLB9x6CFYUR2wbhl-7K5GwnlQl3q2GDCgYJzk';
  const form = FormApp.openById(id);
  //Logger.log(form.getTitle());
  //Logger.log(form.getEditUrl());
}
```

```

//Logger.log(form.getSummaryUrl());
const items = form.getItems();
items.forEach((item)=>{
  Logger.log(item.getType());
  if(item.getType() == 'TEXT'){
    const textItem = item.asTextItem();
    textItem.setTitle('NEW Title')
    .setRequired(true)
    .setHelpText('Say whatever');
  }
})
//Logger.log(items);
}

```

#4

```

function myFormMaker(){
  const form = FormApp.create('My Tester 2');
  form.setIsQuiz(true);
  const item1 = form.addListItem();
  item1.setTitle('Do you like Apps Script');
  item1.setChoices([
    item1.createChoice('Yes',true),
    item1.createChoice('No',false),
    item1.createChoice('Unsure',false)
  ]);
  item1.setFeedbackForCorrect(
    FormApp.createFeedback().setText('Yes').build());
  item1.setFeedbackForIncorrect(
    FormApp.createFeedback().setText('Oh No!!!').build()
  );
}

```

#5

```

function myResponses(){
  const id = '1m1WPu9Jhuq98ubBay7NN0uk9GgQSJILXKqDp1l120wo';
  const form = FormApp.openById(id);
  //Logger.log(form.getPublishedUrl());
  const responses = form.getResponses();
  Logger.log(responses);
  responses.forEach((res,index)=>{
    const itemRes = res.getItemResponses();
    itemRes.forEach((item)=>{

```

```

        Logger.log(item.getItem().getTitle());
        Logger.log(item.getResponse());
    })
})
}

```

#6

```

function myResponses() {
    const id = '1m1WPu9Jhuq98ubBay7NN0uk9GgQSJILXKqDpill20wo';
    const form = FormApp.openById(id);
    const responses = form.getResponses();
    const sheet = makeaSheet();
    responses.forEach((res, index) => {
        const itemRes = res.getItemResponses();
        itemRes.forEach((item) => {
            Logger.log(item.getItem().getTitle());
            Logger.log(item.getResponse());
            sheet.appendRow([item.getItem().getTitle(), item.getResponse()]);
        })
    })
}

function makeaSheet() {
    const ss = SpreadsheetApp.create('Form data');
    const sheet = ss.insertSheet();
    sheet.setName('Form Data');
    sheet.appendRow(['Question', 'Response']);
    return sheet;
}

```

#7

```

function makeQuiz() {
    const form = FormApp.create('Quiz 1');
    form.setIsQuiz(true);
    for(let i=0; i<10; i++){
        let val1 = randomNum(1, 50);
        let val2 = randomNum(1, 50);
        let ans = String(val1 + val2);
        const item = form.addListItem();
        const title = `${val1}+${val2}=`;
        item.setTitle(title);
        const myArr = [];
        let boo = false;
        for(let x=0; x<3; x++){

```

```

        let temp = String(randomNum(1,50));
        if((randomNum(1,30) < 10) && !boo){
            myArr.push(item.createChoice(ans,true));
            boo = true;
        }
        if(ans != temp){
            myArr.push(item.createChoice(temp,false));
        };
    }
    if(!boo){
        myArr.push(item.createChoice(ans,true));
    }
    item.setChoices(myArr);
    item.setFeedbackForCorrect(FormApp.createFeedback().setText(ans).build())
}
}

function randomNum(min,max){
    min = Math.ceil(min);
    max = Math.floor(max);
    return Math.floor(Math.random()*(max-min+1)+min);
}

```

#8

```

function tester(){
    const form = FormApp.create('new one');
    form.setShuffleQuestions(true);
    form.setProgressbar(true);
    const item = form.addScaleItem();
    item.setTitle('pick a number');
    item.setBounds(1,10);
}

```