#1

```
function makeSlides() {
   const slides = SlidesApp.create('New Name');
   Logger.log(slides);
}
 function selSlides(){
   const id = '1Bk1dn81pkgtePNrUVaMGHilN-PIDj7MAzrSGlkrDLt8';
   const slides = SlidesApp.openById(id);
   Logger.log(slides.getName());
}
```

#2

```
function addaSlide() {
   const presentSlide = SlidesApp.getActivePresentation();
   Logger.log(presentSlide);
   presentSlide.addEditor('education2learning@gmail.com');
   const layouts = presentSlide.getLayouts();
   layouts.forEach((layout,index)=>{
     Logger.log(layout.getLayoutName());
     Logger.log(index);
   })
   const slide = presentSlide.appendSlide(layouts[6]);
   slide.getBackground().setSolidFill('#00ff00');
   Logger.log(slide);
}
 function newSlide(){
   const id = '1Bk1dn81pkgtePNrUVaMGHilN-PIDj7MAzrSGlkrDLt8';
   const presentSlide = SlidesApp.openById(id);
   const layouts = presentSlide.getLayouts();
   layouts.forEach((layout,index)=>{
     Logger.log(layout.getLayoutName());
     Logger.log(index);
   })
   const slide = presentSlide.appendSlide(layouts[6]);
   slide.getBackground().setSolidFill('#ff0000');
   Logger.log(slide);
}
```

#3

```
function updateSlides(){
   const pres = SlidesApp.getActivePresentation();
   const slides = pres.getSlides();
```

```
    Logger.log(slides);
    slides.forEach((slide,index)=>{
      let myText = `This is slide #${index + 1}`;
      let val = slide.insertTextBox(myText);
      Logger.log(val);
    })
}
 function updateSlidesText(){
  const pres = SlidesApp.getActivePresentation();
  const slides = pres.getSlides();
  //Logger.log(slides);
  slides.forEach((slide,index)=>{
    const els = slide.getPageElements();
    Logger.log(els);
    els.forEach((el)=>{
      const val2 = el.asShape();
      const textRange = val2.getText();
      textRange.setText('UPDATED #'+index);
      const textStyle = textRange.getTextStyle();
      textStyle.setBackgroundColor(ranCol(),ranCol(),ranCol());
      Logger.log(textRange.getTextStyle());
    })
  })
}


function ranCol(){
  return Math.floor(Math.random()*255);
}
```

#4

```
function onOpen(){
  const ui = SlidesApp.getUi();
  ui.createMenu('adv')
  .addItem('addSlide','addSlide')
  .addToUi();
}
 function addSlide(){
  const pres = SlidesApp.getActivePresentation();
  const curSlide = pres.getSelection();
  const curPage = curSlide.getCurrentPage();
  const mySlide = curPage.asSlide();
  Logger.log(mySlide);
  const newSlide = mySlide.duplicate();
```

```
      const val1 = newSlide.insertTextBox('NEW ONE');
      const val2 = mySlide.insertTextBox('OLD ONE');
      val1.setLeft(200);
      val2.setLeft(200);
      Logger.log(newSlide);
  }
```

#5
```
function onOpen(){
   const ui = SlidesApp.getUi();
   ui.createMenu('adv')
   .addItem('addImage','addImage')
   .addItem('remove','removeSlide')
   .addToUi();
 }
  function removeSlide(){
    const slide =
SlidesApp.getActivePresentation().getSelection().getCurrentPage().asSlide();
    slide.remove();
   }

 function addImage(){
    const slide =
SlidesApp.getActivePresentation().getSelection().getCurrentPage().asSlide();
    Logger.log(slide)

//https://drive.google.com/file/d/13a074ZCrcfpMD_ZqeJWVcCIuWUOI9pUw/view?usp=sharing
    const id = '13a074ZCrcfpMD_ZqeJWVcCIuWUOI9pUw';
    const image = DriveApp.getFileById(id);
    const myImage = slide.insertImage(image);
    myImage.setLeft(200);
    myImage.setTop(200);
    myImage.scaleWidth(0.3);
    myImage.scaleHeight(0.3);
    myImage.sendToBack();
    Logger.log(myImage);
  }
```

#6
```
function onOpen(){
   const ui = SlidesApp.getUi();
   ui.createMenu('adv')
   .addItem('addText','addMytext')
```

```
    .addToUi();
}
function addMytext(){
    const slide =
SlidesApp.getActivePresentation().getSelection().getCurrentPage().asSlide();
    const textShape = slide.insertShape(SlidesApp.ShapeType.TEXT_BOX,50,50,200,200);
    const myShape = slide.insertShape(SlidesApp.ShapeType.SUN,20,20,100,100);
    Logger.log(myShape);
    const val1 = myShape.setContentAlignment(SlidesApp.ContentAlignment.MIDDLE);
    val1.sendToBack();
    const textRange = textShape.getText();
    Logger.log(textRange);
    textRange.setText('Hello World');
    const subRange = textRange.getRange(0,5);
    Logger.log(subRange);
    subRange.insertText(3,'MORE TEXT');
    Logger.log(textRange.asString());
}
```

#7
```
function myLayouts(){
    const slidePres = SlidesApp.getActivePresentation();
    const layouts = slidePres.getLayouts();
    layouts.forEach((layout,index)=>{
      //Logger.log(layout);
      const val = layout.getMaster();
      //const textBox = val.insertTextBox('Layout #'+index);
      //textBox.setContentAlignment(SlidesApp.ContentAlignment.MIDDLE);
      //textBox.sendToBack();
      //textBox.setTitle('text box');
      const shapes = val.getShapes();
      shapes.forEach((shape)=>{
        let shapeText = shape.getText().asString();
        let boo = shapeText.includes('Layout');
        if(boo){
          shape.remove();
        }
      })
      Logger.log(textBox);
    })
```

#8
```
function slideMaker(){
```

```
    const pres = SlidesApp.create('Slides '+myId());
  const preID = pres.getId();
  const folderID = '1tbiAxHrYkxBw-WtHWDFZN7OJxTSUpoAP';
  const file = DriveApp.getFileById(preID);
  DriveApp.getFolderById(folderID).addFile(file);
  const layouts = pres.getLayouts();
  const data = getDataSheet();
  data.forEach((row)=>{
    const newSlide = pres.appendSlide(layouts[0]);
    const ranBackGround = '#'+Math.random().toString(16).substr(-6);
    newSlide.getBackground().setSolidFill(ranBackGround,0.3);
    const pageElements = newSlide.getPageElements();
    pageElements[0].asShape().getText().setText(row[0]);
    pageElements[1].asShape().getText().setText(row[1]);
  })
  removeFirst(pres);
}
 function testRemove(){
  const id = '1skgW_ylbacSiXZ1v9IYJUuF2bhwXW7JyJ2tPjcw9WDs';
  const pres = SlidesApp.openById(id);
  const slides = pres.getSlides();
  removeFirst(pres);
}
 function removeFirst(pres){
  const slides = pres.getSlides();
  slides[0].remove();
  Logger.log(slides);
 }

function testData(){
  const data = getDataSheet();
  data.forEach((row)=>{
   Logger.log(row[0]);
   Logger.log(row[1]);
  })
 }

 function selectMyLayout(){
  const id = '1Bk1dn81pkgtePNrUVaMGHilN-PIDj7MAzrSGlkrDLt8';
  const layouts = SlidesApp.openById(id).getLayouts();
  layouts.forEach((layout,index)=>{
    Logger.log(layout.getLayoutName() , index);
```

```javascript
  })
 }

 function getDataSheet(){
  const id = '1TGUR8UPFabwIw1RkhqTMT4HT_JcaFX2cAwmucByjBRU';
  const sheet = SpreadsheetApp.openById(id).getSheetByName('output');
  const data = sheet.getDataRange().getValues().slice(1);
  Logger.log(data);
  return data;
}


function myId(){
  const myDate = new Date().toISOString().slice(0,10);
  return myDate;
}
```

#9
```javascript
function myFunction() {
  const presentation = SlidesApp.getActivePresentation();
  Logger.log(presentation)
  const slide = presentation.appendSlide();
  Logger.log(slide);
  const textBox = slide.insertTextBox('My Text');
  textBox.setContentAlignment(SlidesApp.ContentAlignment.TOP);
  const pageElements = slide.getPageElements();
  Logger.log(pageElements);
  pageElements.forEach((ele)=>{
    Logger.log(ele);
    const textRange = ele.asShape().getText().setText('Hello World');
    Logger.log(textRange);
  })
}
```