Using SharePoint for Assignments

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# Setup

## Teams

Create a new class team. This one is called **Test**.

A screenshot of a computer

AI-generated content may be incorrect.

## SharePoint

In the SharePoint site of the class team, create a list and a document library.

SharePoint can be accessed via the **General** channel and the **Files** tab of the class team. It can take a few minutes after the team is created for the site to be accessible.

Access the **Site contents**.

A screenshot of a computer

AI-generated content may be incorrect.

### List

#### Create

Create a new list.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a phone

AI-generated content may be incorrect.

The list is called **Data**. It is used to hold the details of the pupils.

A blue line with black text

AI-generated content may be incorrect.

#### Modify

##### Permissions

Access the site contents to edit the settings of the list.

A screenshot of a computer

AI-generated content may be incorrect.

A yellow box with text

AI-generated content may be incorrect.

Stop inheriting permissions.

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AI-generated content may be incorrect.

Remove non-owners.

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AI-generated content may be incorrect.

##### Columns

Show the **ID** column.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer screen

AI-generated content may be incorrect.

Add a *Person* column.

A screenshot of a computer

AI-generated content may be incorrect.

This one is called **Pupil**.

A screenshot of a computer

AI-generated content may be incorrect.

#### Add Pupils

Add the required pupils.

A screenshot of a computer

AI-generated content may be incorrect.

Glow email addresses can be used.

A screenshot of a search box

AI-generated content may be incorrect.

### Document Library

#### Create

Create a document library using the same steps for creating a list.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

The document library is called **Assignment**. It is used to hold the pupils’ files.

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AI-generated content may be incorrect.

#### Modify

##### Columns

Show the **ID** column.

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AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

##### Permissions

Modify the permissions and remove non-owners using the same steps for the list.

# Power Automate – Create & Share

Power Automate will require the site address of the SharePoint site:

A screenshot of a computer

AI-generated content may be incorrect.

The address will be shown in various drop-down lists.

## Create Flow

Create a flow.

A screenshot of a computer

AI-generated content may be incorrect.

This one is called **Test Create & Share**.

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AI-generated content may be incorrect.

## Main Code

A screenshot of a computer

AI-generated content may be incorrect.

### When Power Apps calls a flow (V2)

A screenshot of a computer

AI-generated content may be incorrect.

### Get Items

A screenshot of a computer

AI-generated content may be incorrect.

### Apply to each

A screenshot of a computer

AI-generated content may be incorrect.

### Create new folder

A screenshot of a computer

AI-generated content may be incorrect.

### Grant access to an item or a folder

A screenshot of a computer

AI-generated content may be incorrect.

## Optional Code

This code can be used to create subfolder.

A screenshot of a computer

AI-generated content may be incorrect.

### Apply to each sub folder

Use the **Apply to each** block.

### Create SDD folder

Create as many as appropriate. Use the **Create new folder** block.

A screenshot of a computer

AI-generated content may be incorrect.

## Run the Flow

Save the flow. Ignore the *Get Items* warning. Run the flow

A screenshot of a computer

AI-generated content may be incorrect.

Check the result.

A screenshot of a computer

AI-generated content may be incorrect.

Version 1

# Power Automate – Remove access – All Pupils

## Duplicate Flow

A screenshot of a computer

AI-generated content may be incorrect.

This one is called **Test Unshare**.

A screenshot of a computer

AI-generated content may be incorrect.

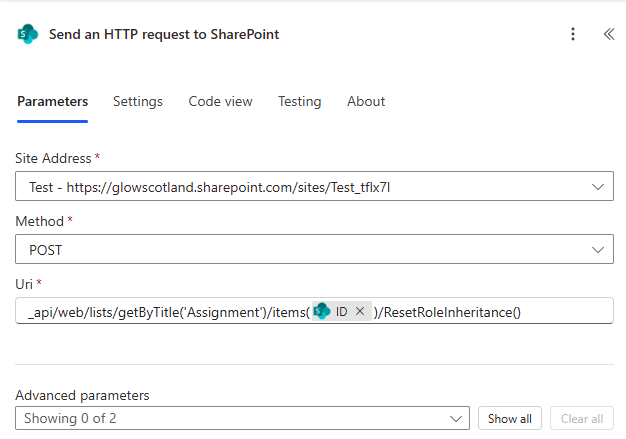
## Edit Flow

Delete any unnecessary blocks. Change the *Apply to each* block:

A screenshot of a computer

AI-generated content may be incorrect.

### Send an HTTP request to SharePoint



Uri:

\_api/web/lists/getByTitle('Assignment')/items(@{items('Apply\_to\_each')?['ID']})/ResetRoleInheritance()

## Turn on and Run

Turn on the flow.

A close up of a blue and white box

AI-generated content may be incorrect.

Run the flow.

Check the result.

A screenshot of a computer

AI-generated content may be incorrect.

# Power Automate – Grant access – All Pupils

## Duplicate Flow

A screenshot of a computer

AI-generated content may be incorrect.

This one is called **Test Share**.

## Edit Flow

Delete any unnecessary blocks. Change the *Apply to each* block:

A screenshot of a computer

AI-generated content may be incorrect.

## Turn on and Run

Turn on and run the flow. Check the result.

A screenshot of a chat

AI-generated content may be incorrect.

# Power Automate – Remove access – Individual Pupil

This one is called **Test Individual Unshare**.

## Main Code

A screenshot of a computer

AI-generated content may be incorrect.

### When Power Apps calls a flow (V2)

Add an input of type *Number*.

A screenshot of a computer

AI-generated content may be incorrect.

### Send an HTTP request to SharePoint

A screenshot of a computer

AI-generated content may be incorrect.

Uri:

\_api/web/lists/getByTitle('Assignment')/items(@{triggerBody()?['number']})/ResetRoleInheritance()

## Run the Flow

A screenshot of a computer

AI-generated content may be incorrect.

Check the result.

A screenshot of a computer

AI-generated content may be incorrect.

# Power Automate – Grant access – Individual Pupil

This one is called **Test Individual Share**.

## Main Code

A screenshot of a computer

AI-generated content may be incorrect.

### When Power Apps calls a flow (V2)

Add an input of type *Number*.

A screenshot of a computer

AI-generated content may be incorrect.

### Condition

A screenshot of a computer

AI-generated content may be incorrect.

## Run the Flow

A screenshot of a computer

AI-generated content may be incorrect.

Check the result.

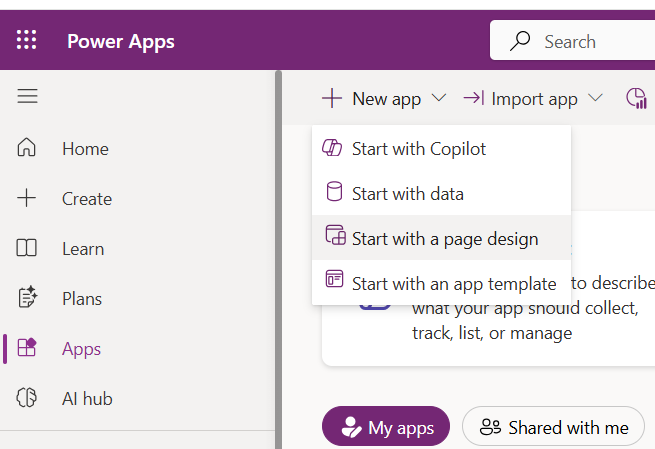
A screenshot of a chat

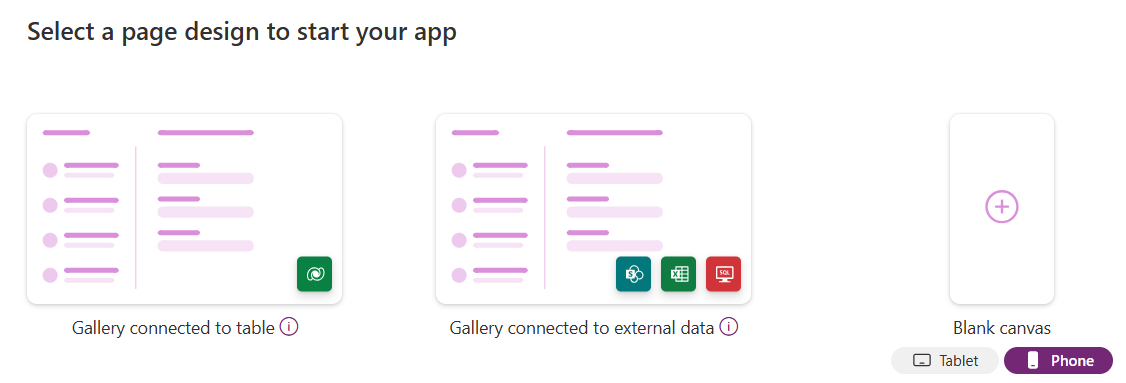
AI-generated content may be incorrect.

# Power Apps

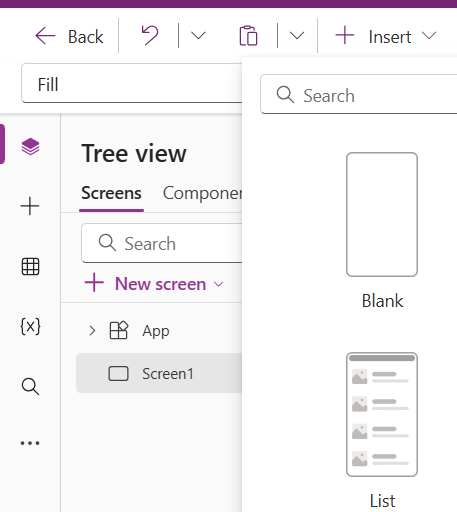
## Create App

Create a new app.



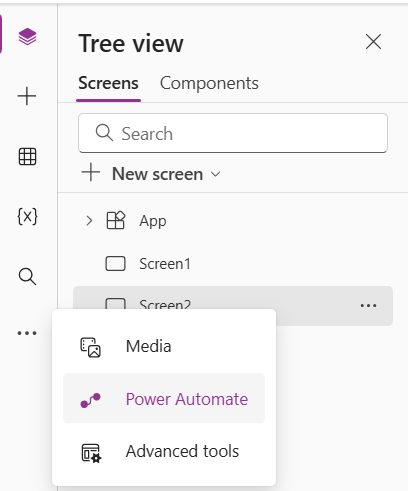


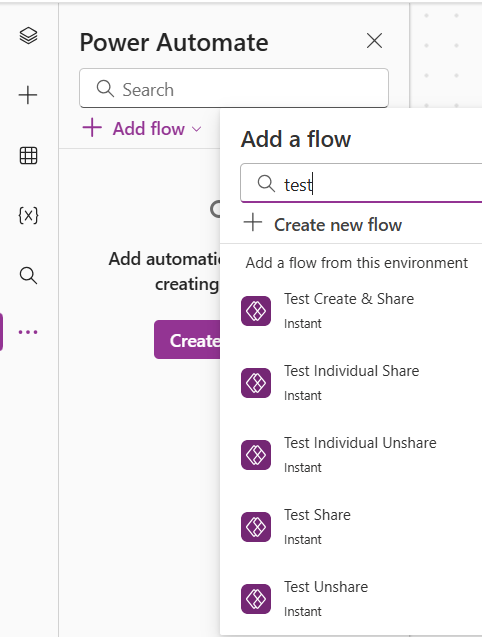
Add additional screens, as required.



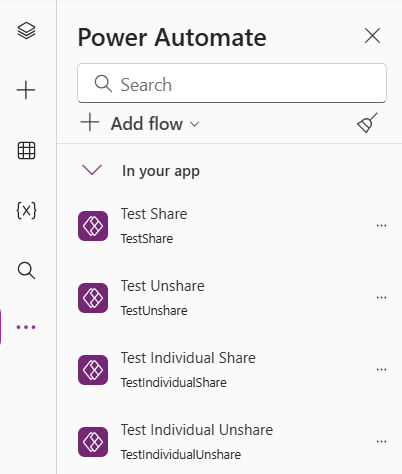
### Add Flows

Add Power Automate flows. Repeat as required.

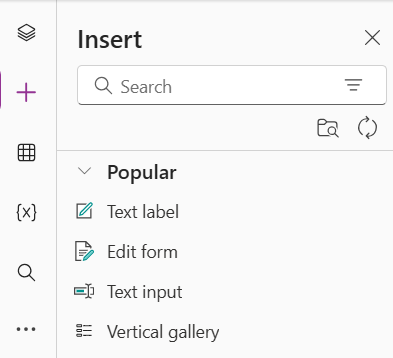


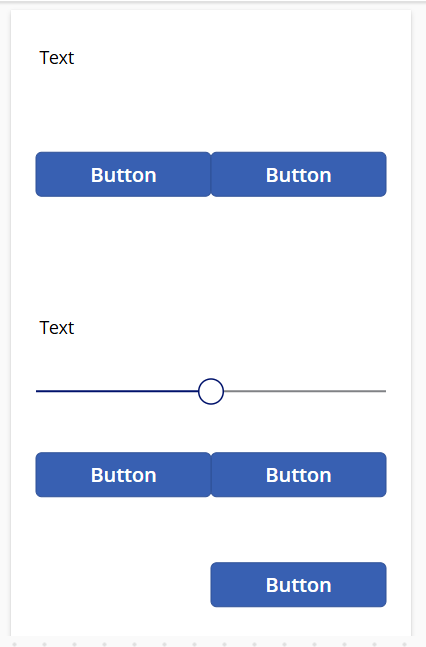


Name(s) without spaces will be used when coding.

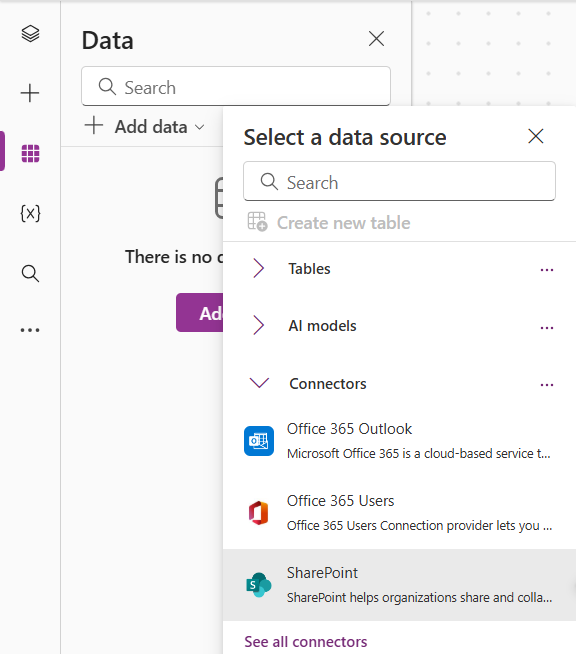


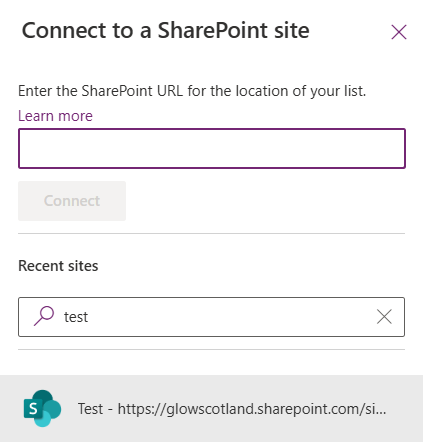
Insert the required items.

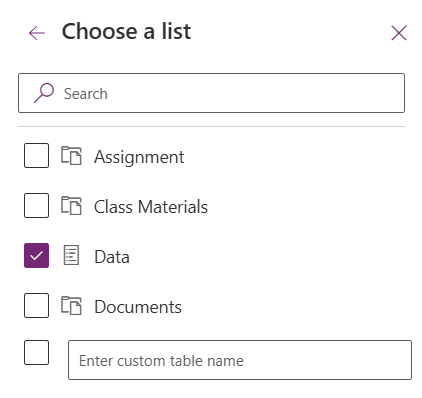




### Add Data

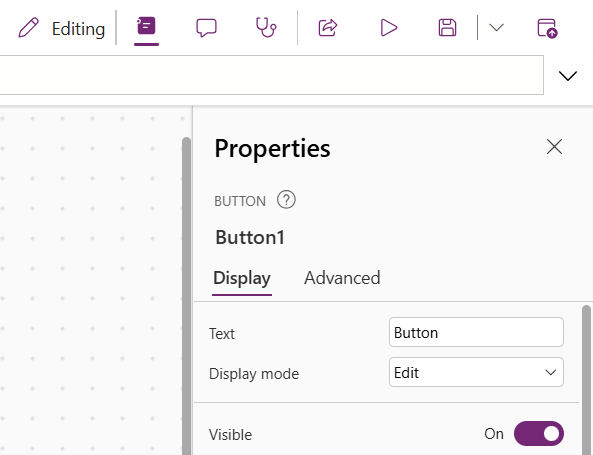


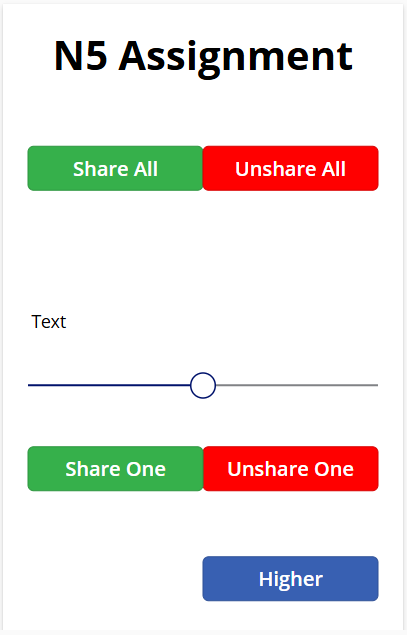




### Format App

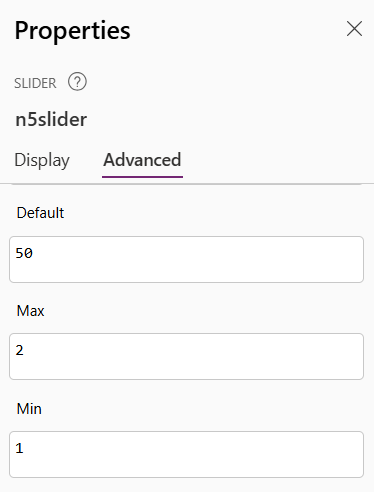
Format as required.





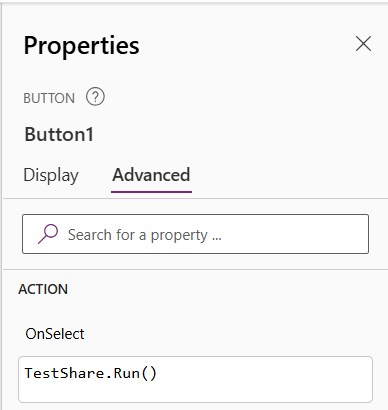
### Modify slider

Rename and set min and max values. These values are the ID values from the SharePoint list.



## Code

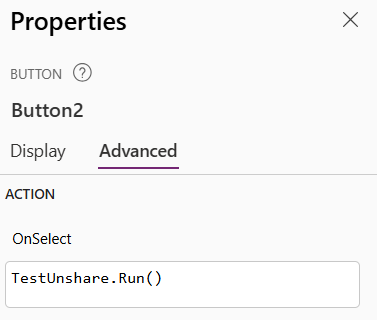
### Share All



Code:

TestShare.Run()

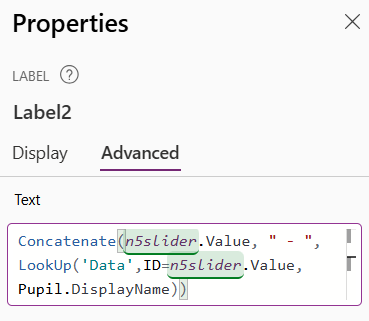
### Unshare All



Code:

TestUnshare.Run()

### Label



Code:

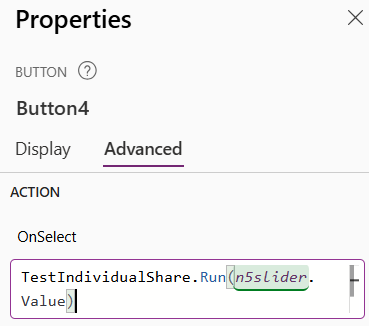
Concatenate(n5slider.Value, " - ", LookUp('Data',ID=n5slider.Value, Pupil.DisplayName))

#### Test the slider

Press and hold the *Alt* key. Drag the slider to see if the text changes.

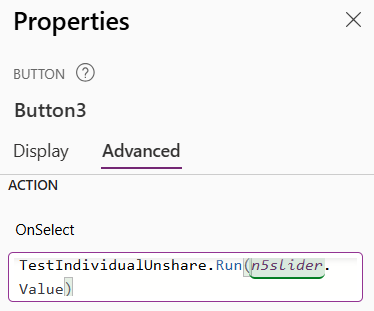
### Share One



Code:

TestIndividualShare.Run(n5slider.Value)

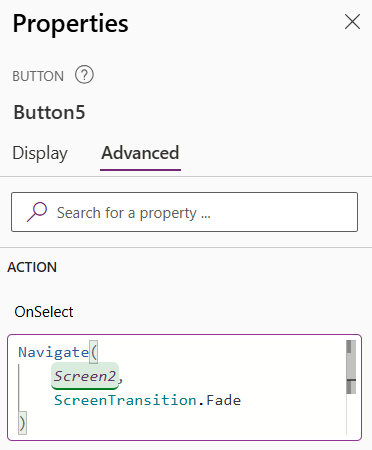
### Unshare One



Code:

TestIndividualUnshare.Run(n5slider.Value)

### Higher



Code:

Navigate(Screen2, ScreenTransition.Fade)

## Save

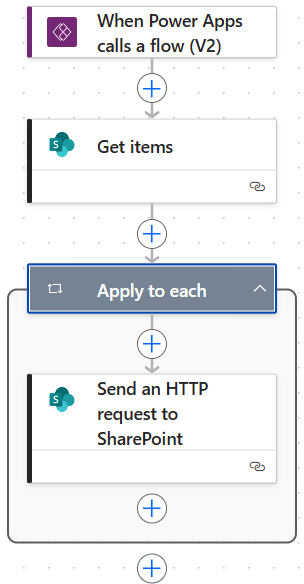
Save the app!

Version 2

# Power Automate – Remove access – All Pupils

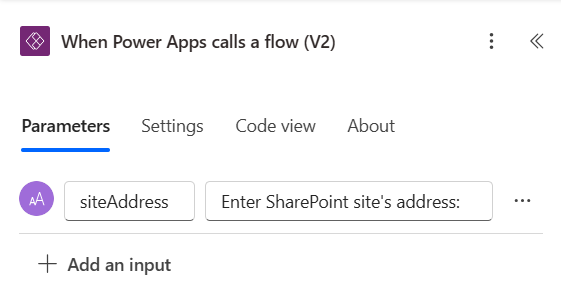
## Main Code

**NB**. Do not use drop-down lists. Enter custom values for the **Site Address** and **List Name**.

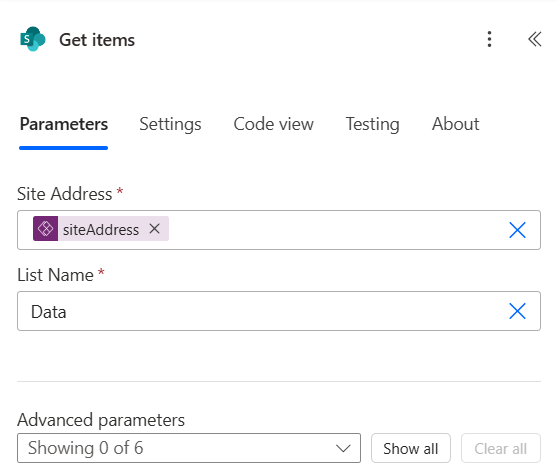


### When Power Apps calls a flow (V2)

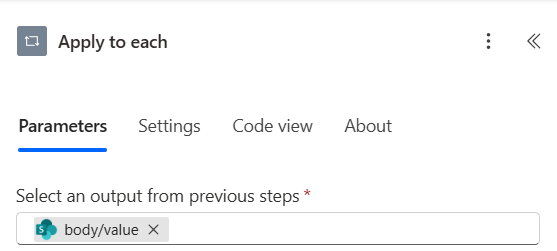
Add a **Text** input.



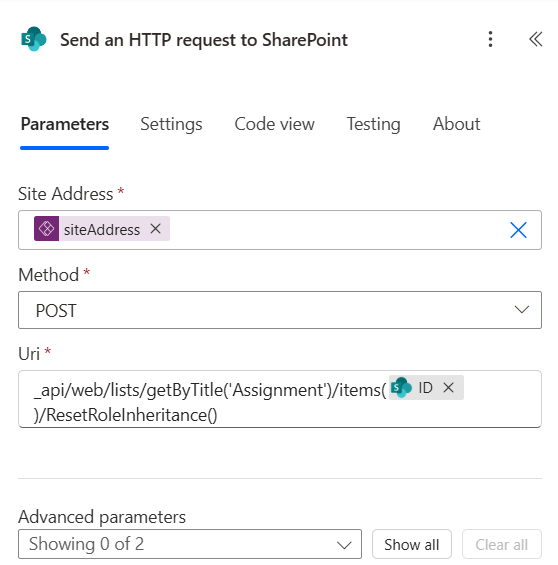
### Get items



### Apply to each



### Send an HTTP request to SharePoint

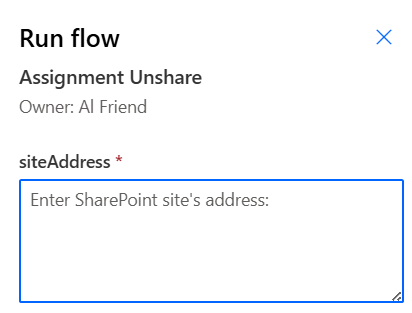


Uri:

\_api/web/lists/getByTitle('Assignment')/items(@{items('Apply\_to\_each')?['ID']})/ResetRoleInheritance()

### Test

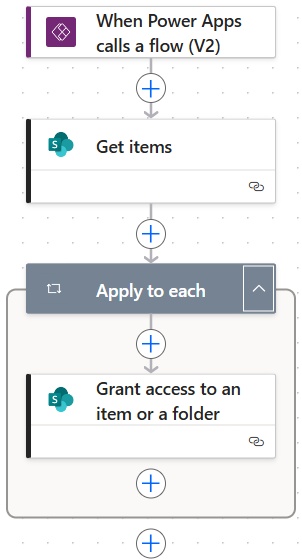
Save the flow. Turn on the flow. Run the flow.



# Power Automate – Grant Access – All Pupils

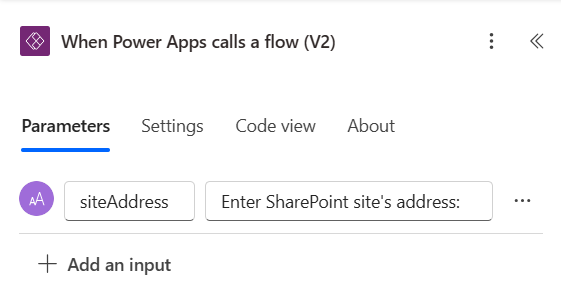
## Main Code

**NB**. Do not use drop-down lists. Enter custom values for the **Site Address** and **List Name**.

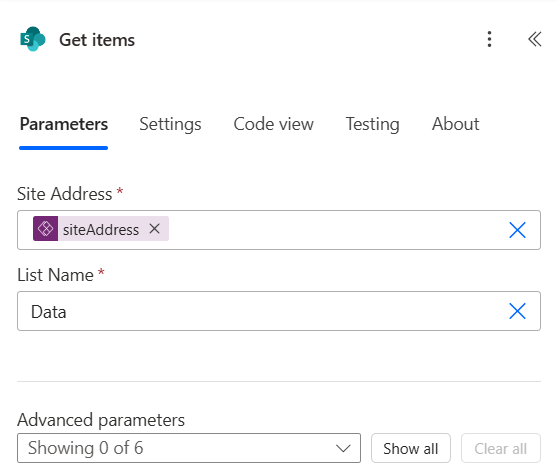


### When Power Apps calls a flow (V2)

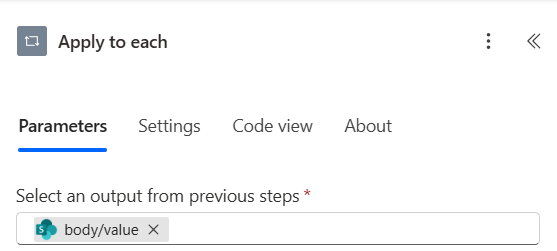
Add a **Text** input.



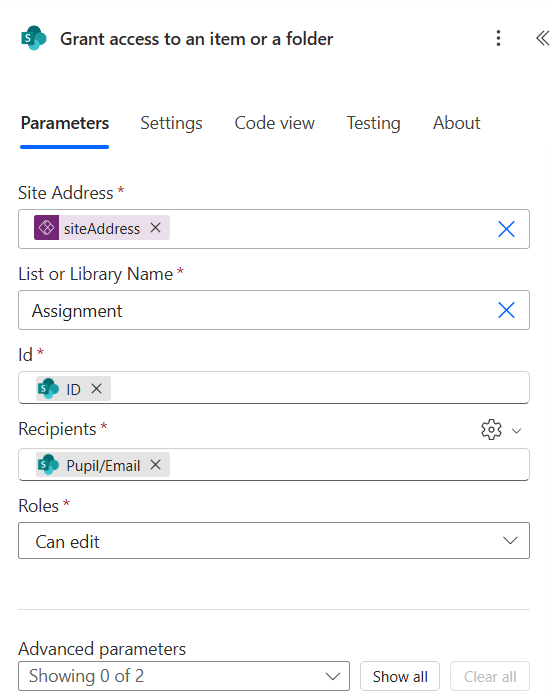
### Get items



### Apply to each



### Grant access to an item or folder



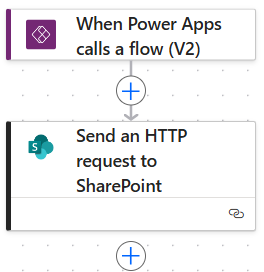
### Test

Save the flow. Turn on the flow. Run the flow.

# Power Automate – Remove access – One Pupil

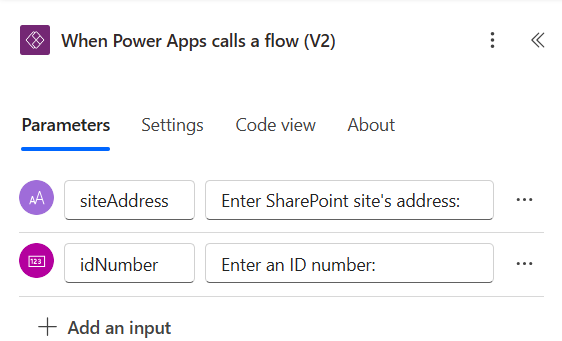
## Main Code

**NB**. Do not use drop-down lists. Enter custom values for the **Site Address** and **List Name**.

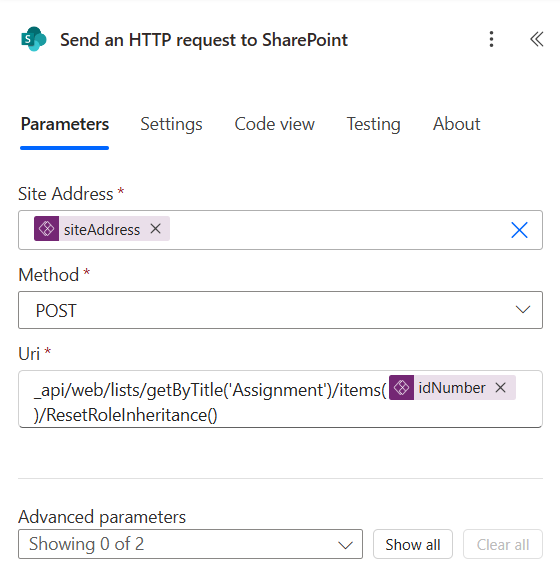


### When Power Apps calls a flow (V2)

Add a **Text** and a **Number** input.



### Send an HTTP request to SharePoint

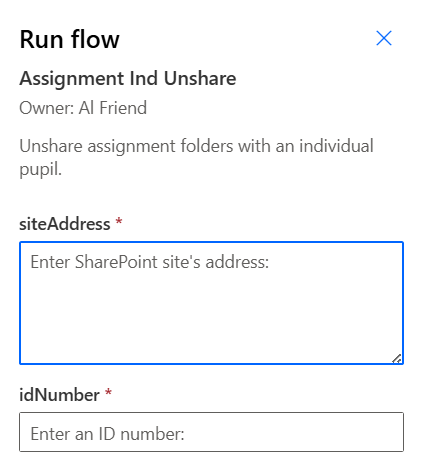


Uri:

\_api/web/lists/getByTitle('Assignment')/items(@{triggerBody()?['number']})/ResetRoleInheritance()

### Test

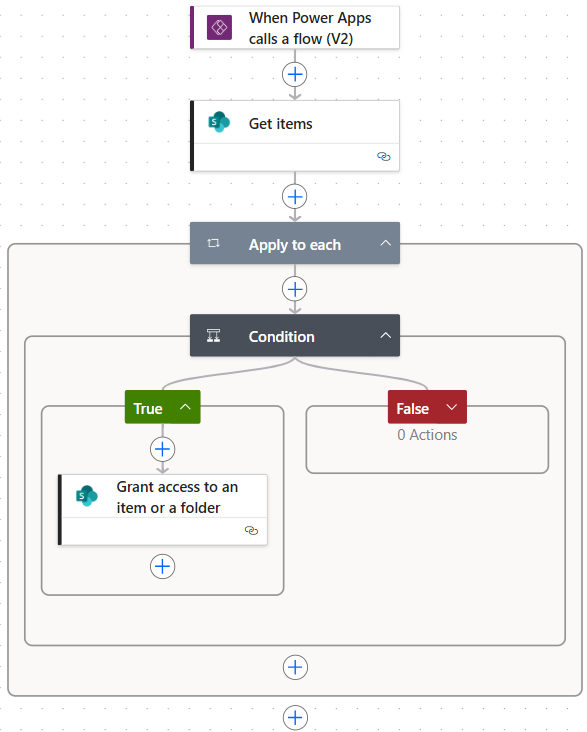
Save the flow. Turn on the flow. Run the flow.



# Power Automate – Grant Access – One Pupil

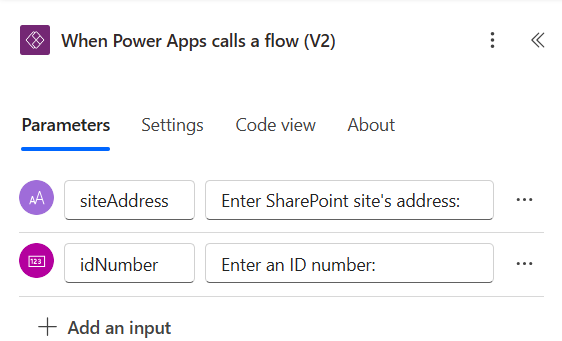
## Main Code

**NB**. Do not use drop-down lists. Enter custom values for the **Site Address** and **List Name**.

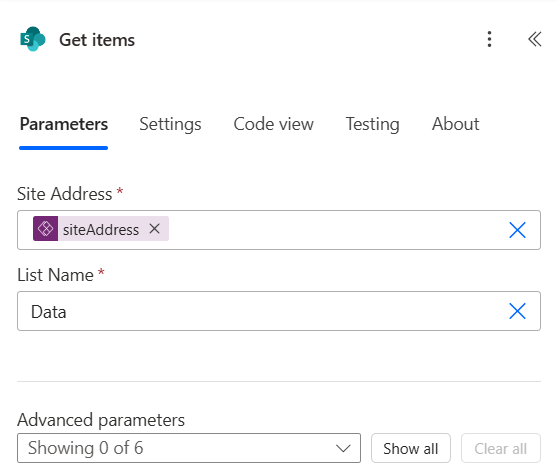


### When Power Apps calls a flow (V2)

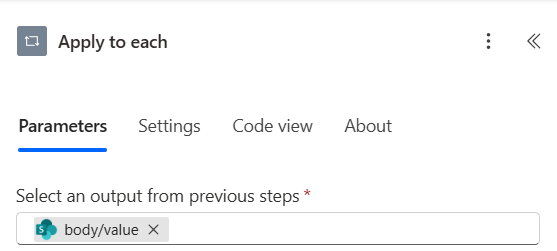
Add a **Text** and a **Number** input.



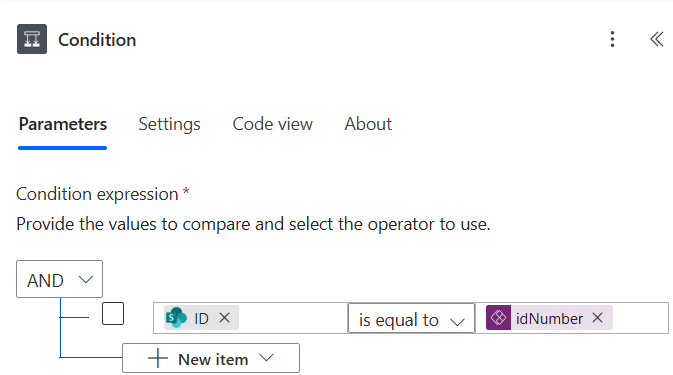
### Get items



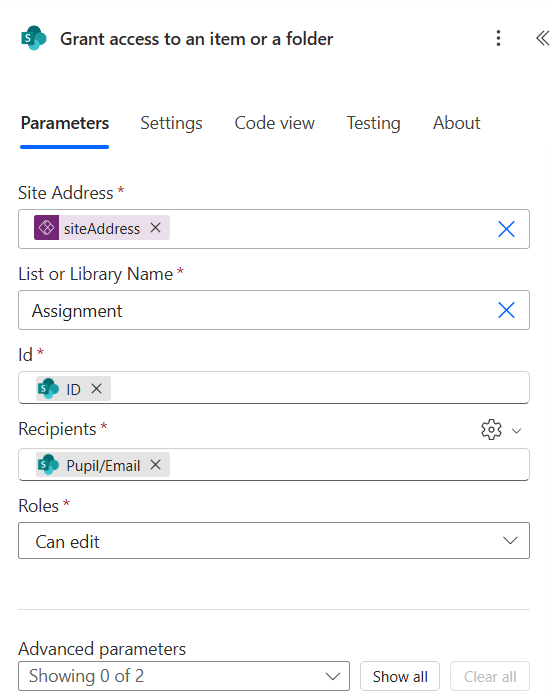
### Apply to each



### Condition



### Grant access to an item or folder



### Test

Save the flow. Turn on the flow. Run the flow.