

Tkinter Designer

Automate GUI Creation

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Click on 'New' & Select 'Design File'

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Afaeg's team

Team project

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Header 1

FUSCHIA

Header 2

IRIS

Subtitle

PEACH

Body

ONVX

Smaller text here

EVERGREEN

PRE TITLE

LIGHT SLATE

BUTTON TEXT

TextField/Default

TextField text

TextField/Active

TextField text

TextField/Valid

email@domain.com

TextField/Error

email@

TextField/Disabled

TextField text

TextField/Multiline

Multiline text field, Multiline text field, Multiline text field, Multiline text field, Multiline text field.

Label

Form label

Helper

Form helper text

Build your own team library

Don't reinvent the wheel with every design. Team libraries let you share styles and components across files, with everyone on your team.

Afaeg's team library

In Team project · Edited 2 minutes ago

FigJam basics

• Free ice

• Free cream?

Kelly Li

Free ice

Free cream?

Free ice

Free cream?

Kelly Li

Free ice

Free cream?

Free ice

Free cream?

Kelly Li

Free ice

Free cream?

Free ice

Free cream?

Kelly Li

Free ice

Free cream?

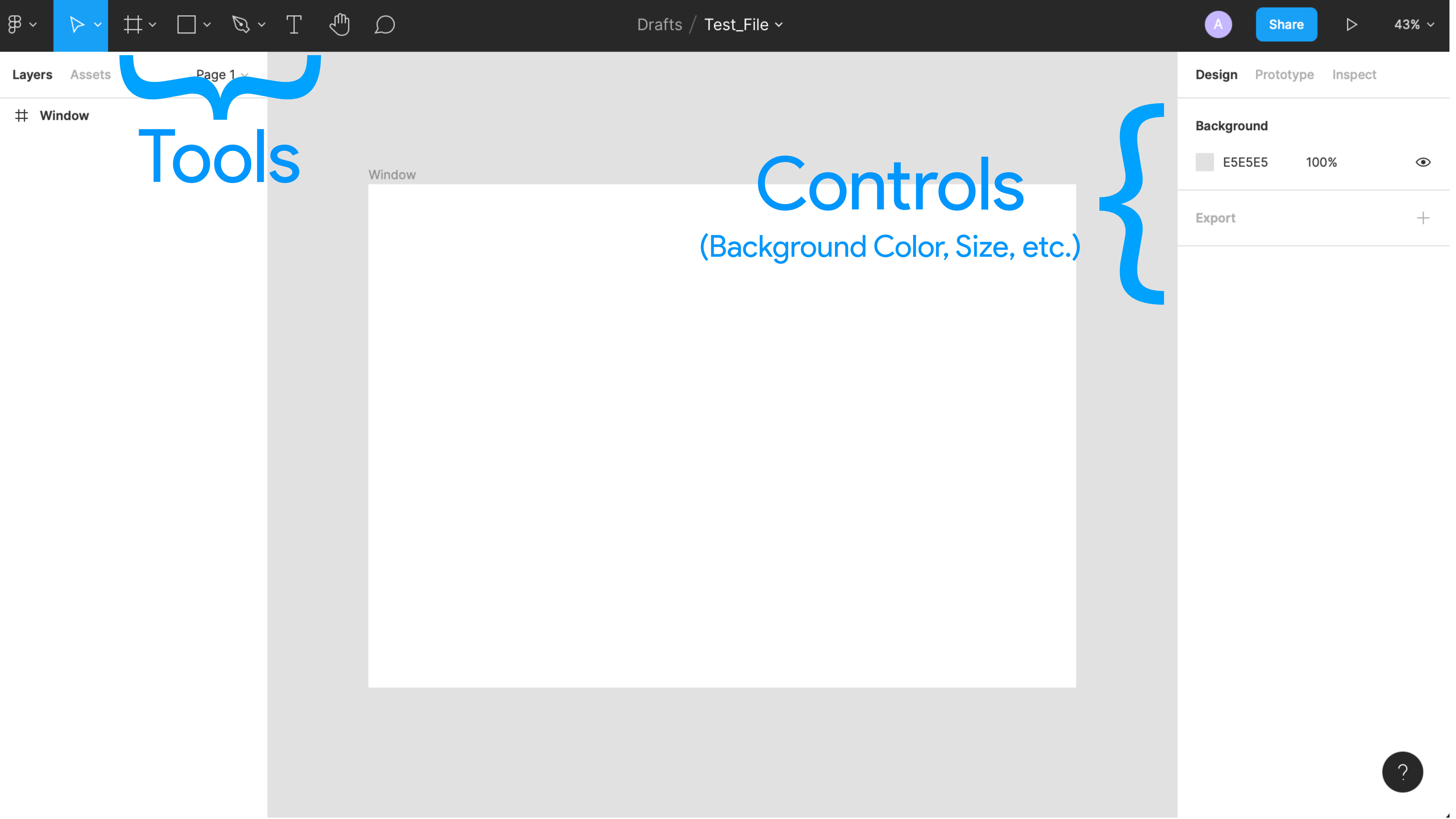
Free ice

Free cream?

Kelly Li

Free ice

Free cream?



Background

E5E5E5 100%

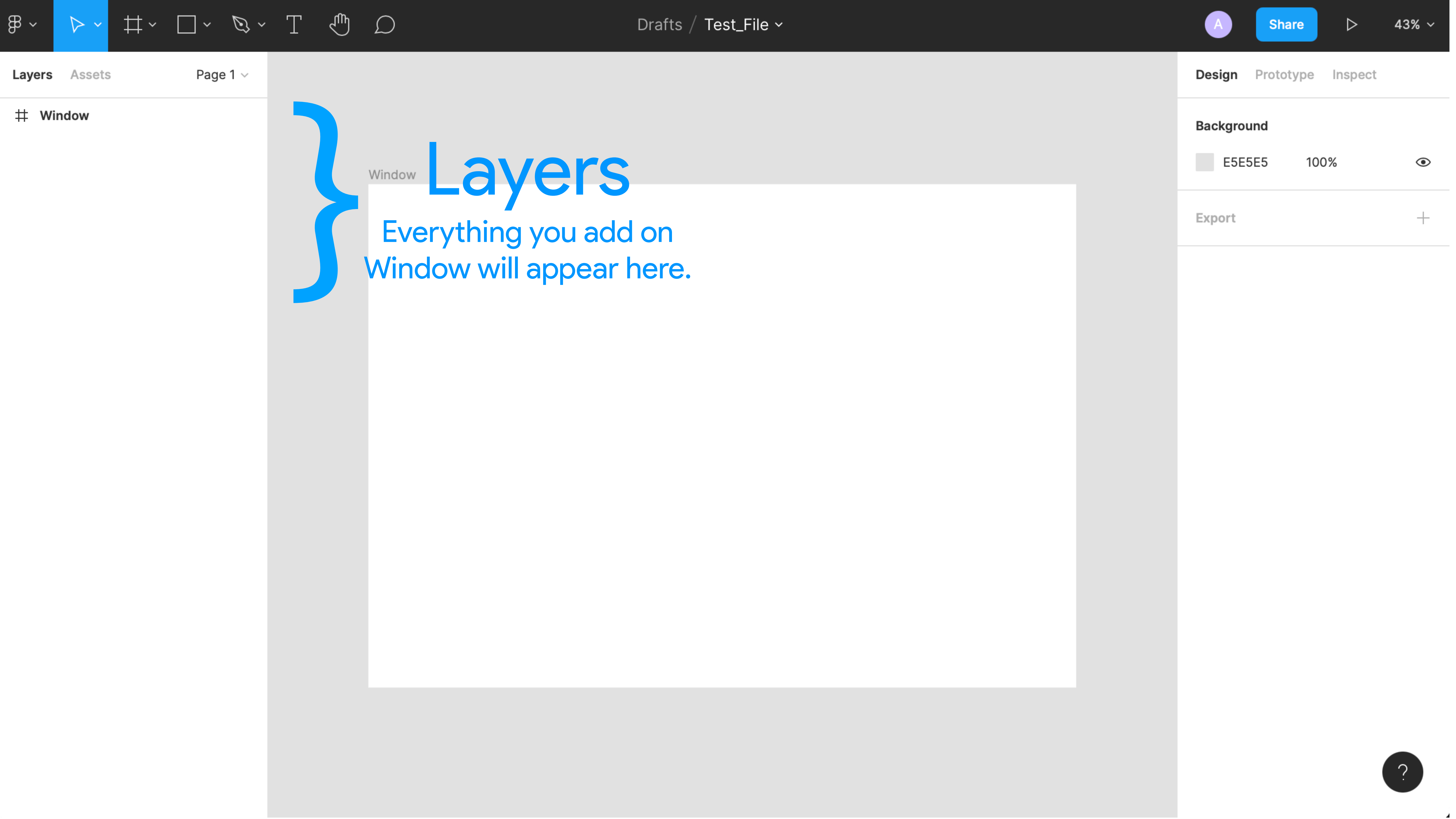
Export

+

Tools

Controls

(Background Color, Size, etc.)



Window

Window

Layers

Everything you add on Window will appear here.

Design Prototype Inspect

Background



 E5E5E5 100% 

Export 



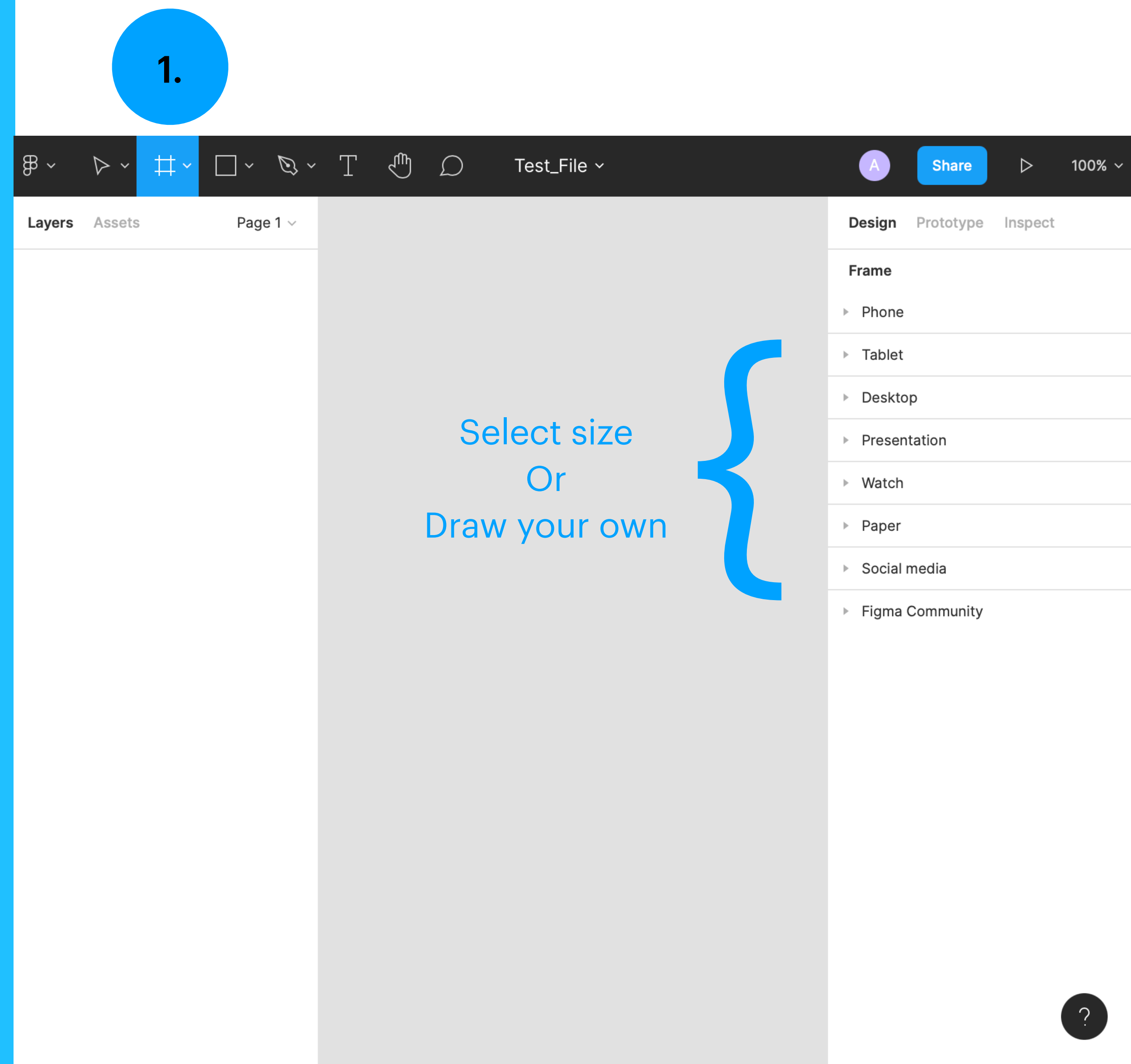
Naming Is Important !

The code is converted on the basis of name given to the elements in the Design File. (Case Sensitive)

Names can be changed by double clicking items in Layers Panel

Design Names	Tkinter Elements
Button	Button
Rectangle	Rectangle
TextBox	Entry
Background	Canvas.Image()

Create a Frame.
This will be Tkinter Window.



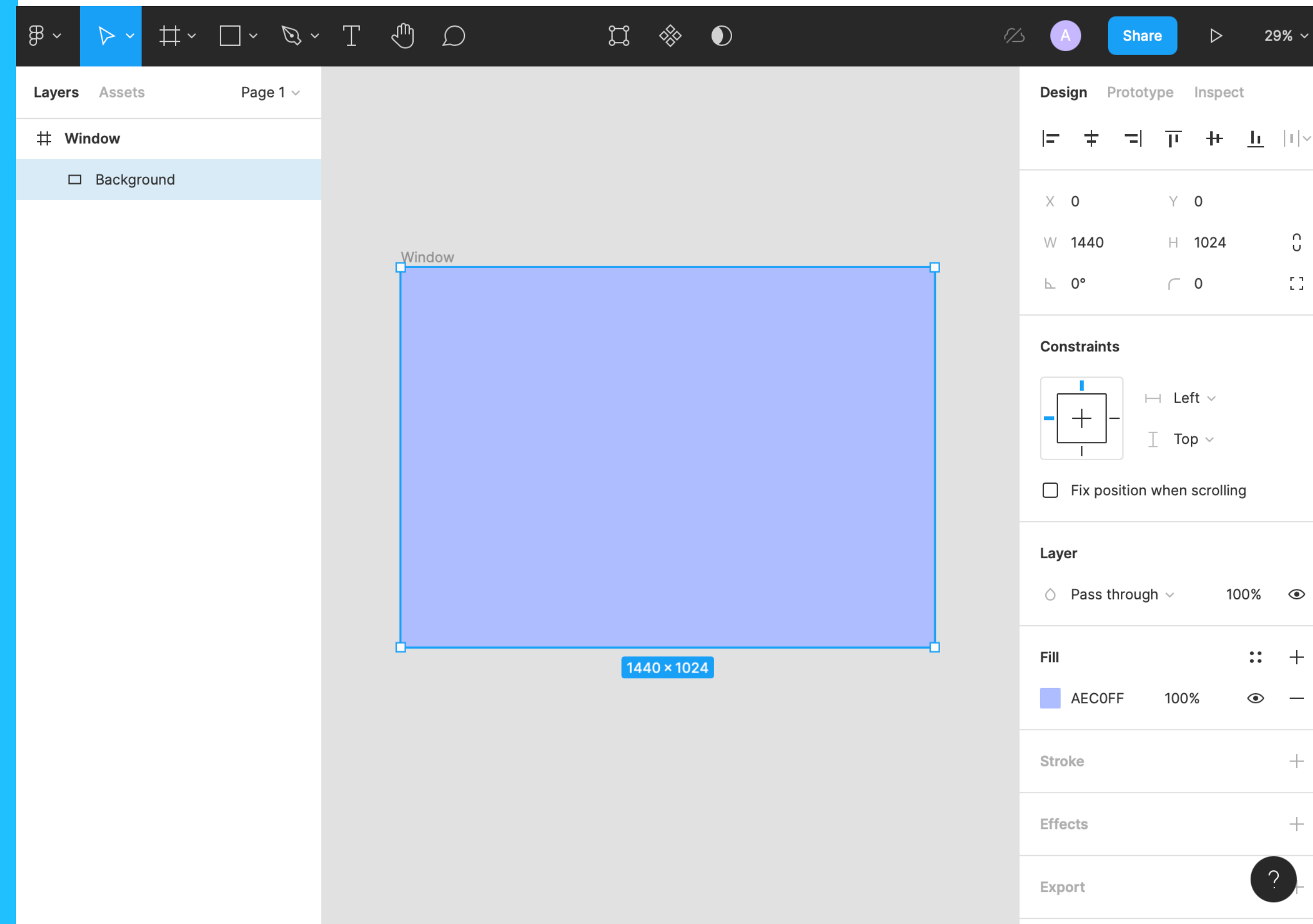
Creating Background.

Background can be created by Using Shapes and Images.

I am creating it using simple rectangle.

Note :

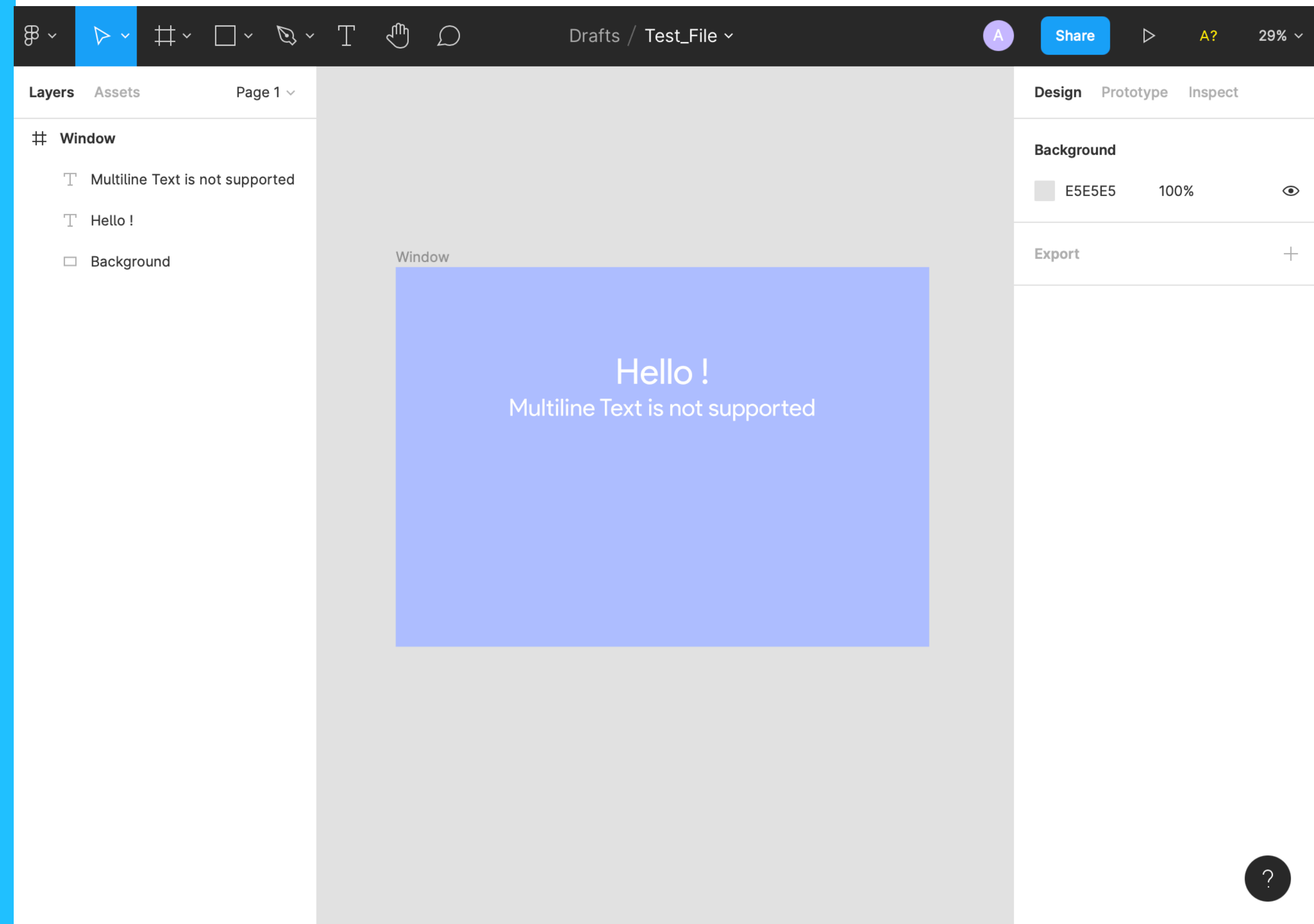
If you are using multiple shapes and images. You need to group them together by selecting all the elements which are part of it and pressing Ctrl G or CMD G.



Adding Text

Press 'T' or Select text tool from the tools panel and add Text.

You don't need to change it's name.

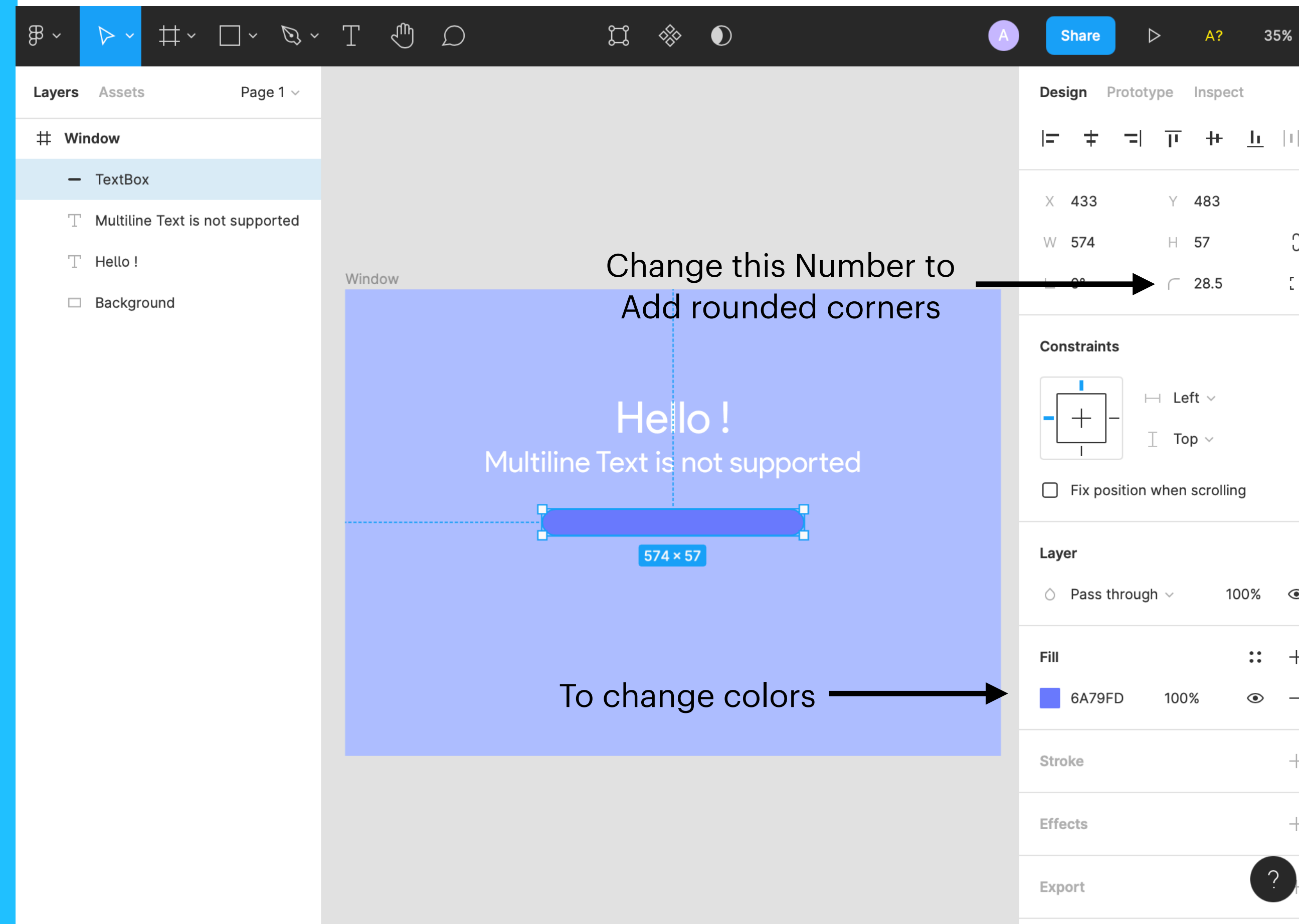


Adding Entry (Text Box)

Press 'R' for Rectangle tool.

Create a Rectangle and change it's properties if you want.

And Name it "TextBox"

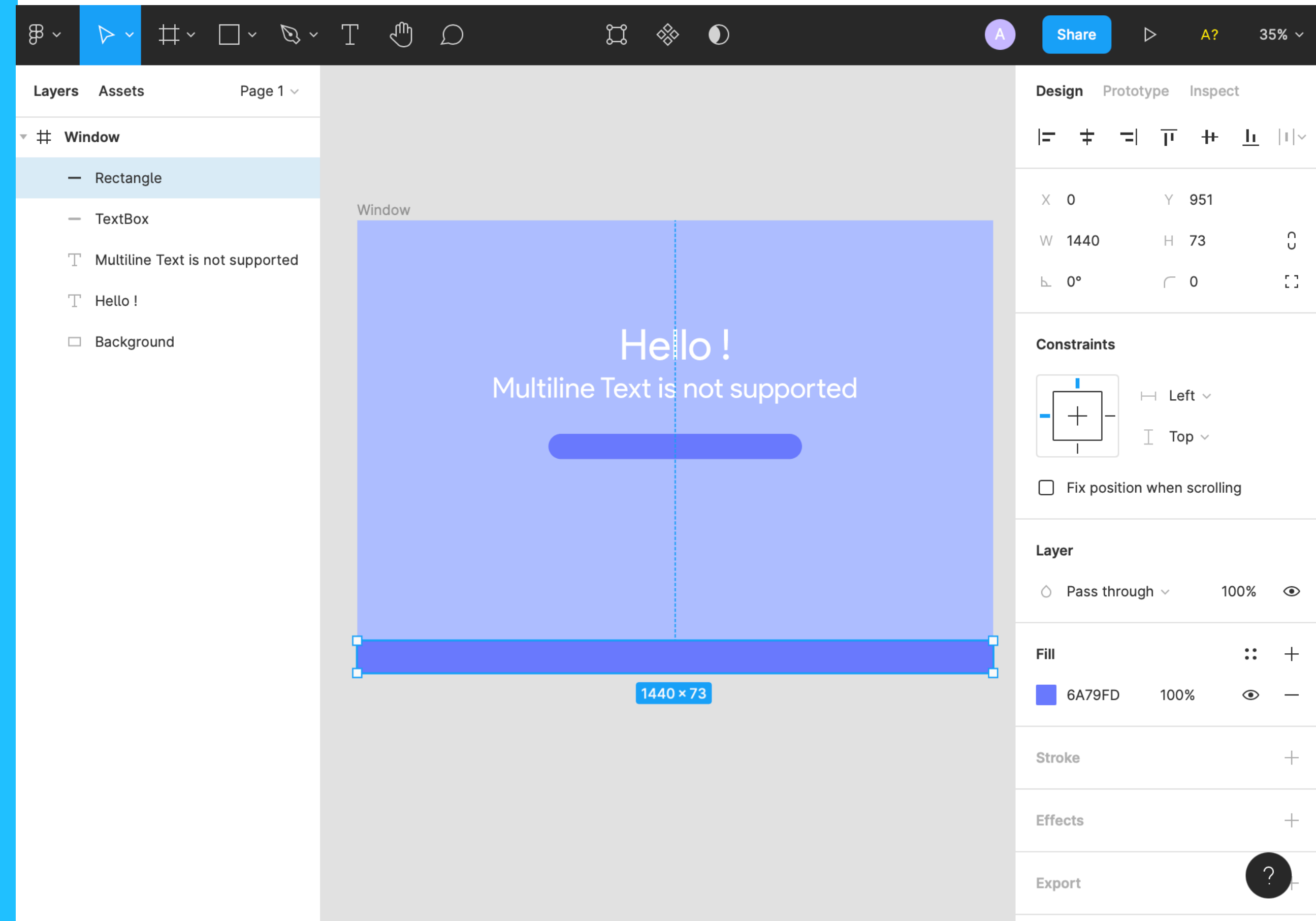


Adding Normal Rectangle

Press 'R' for Rectangle tool.

Create a Rectangle and change it's properties if you want.

And Name it "Rectangle"

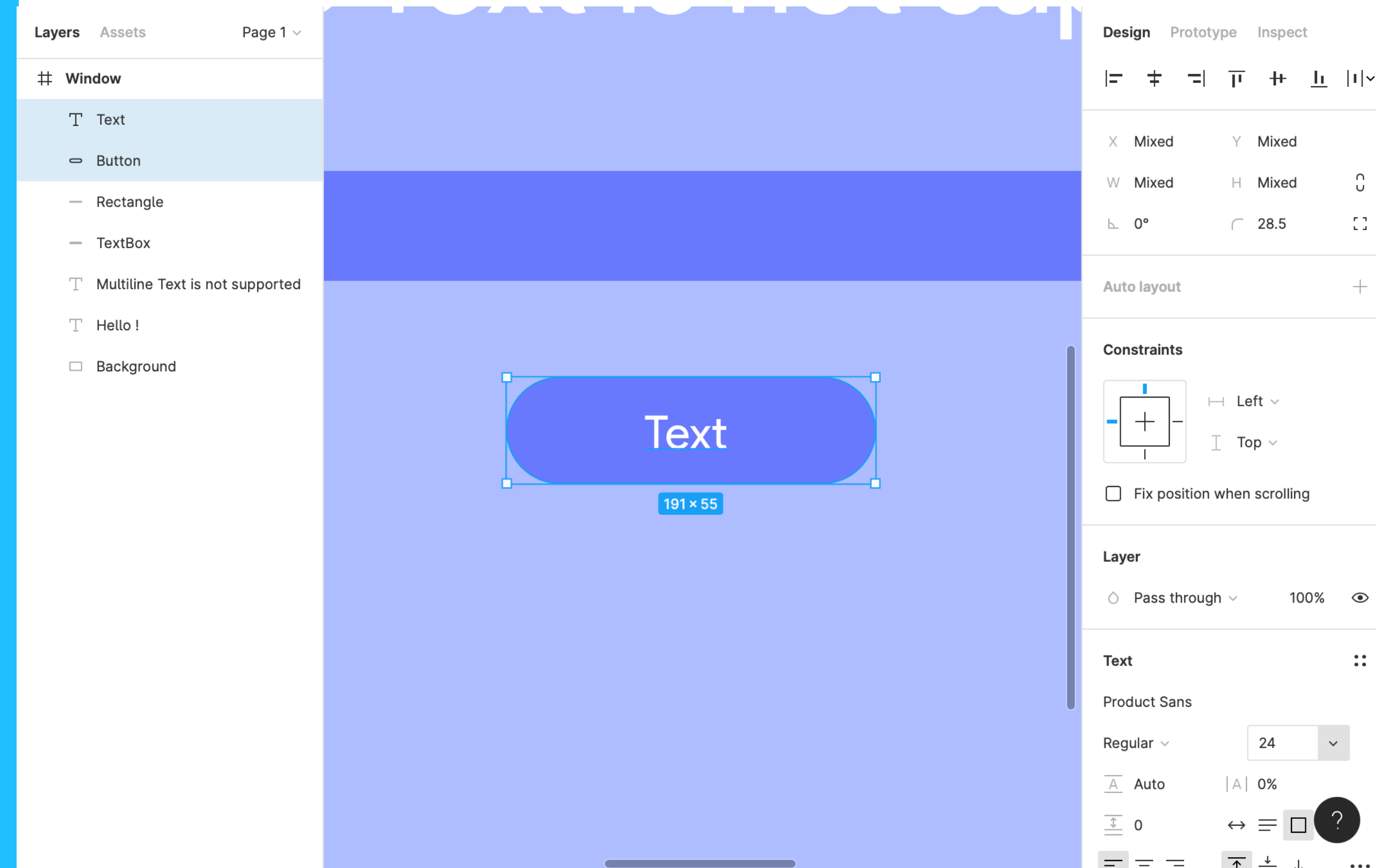


Adding a Button

Press 'R' for Rectangle tool.

1. Create a rectangle for the button.
2. Make it rounded if you want.
3. Add Text on top of it (Optional)

Continued...



Adding a Button


Creating a button requires 1 Extra step.

1. Create a rectangle on top of the button.
2. Move that rectangle below the button.
3. Change the rectangle colour to same as background colour.
4. Select all three and press Ctrl G / Cmd G this will group them.
5. Name the group 'Button'



Adding a Button

The group should look like this.

 Button

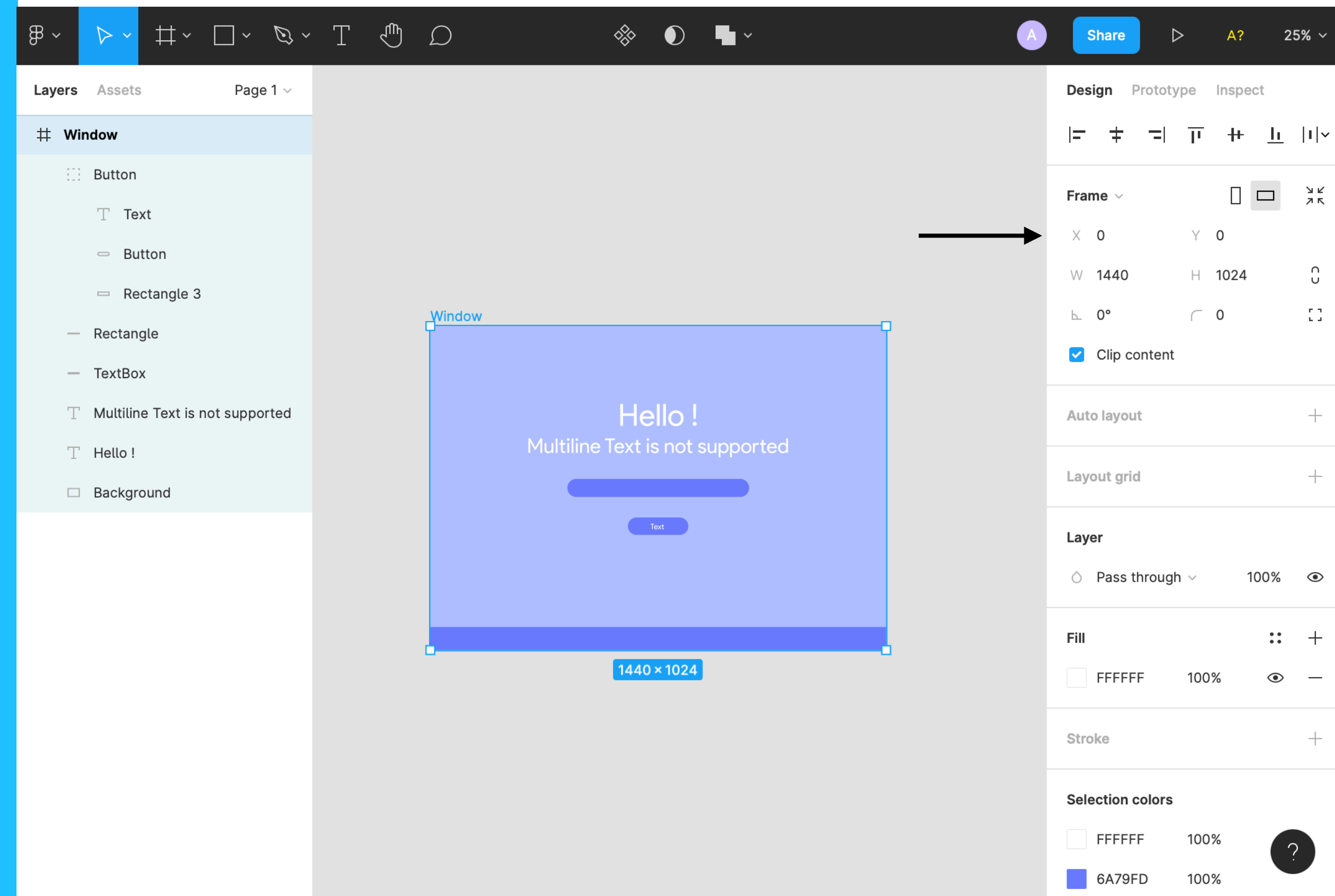
 Text

 Button

 Rectangle 3

Final step.

Select Everything and set the coordinates of X and Y to 0 on the from the right side.

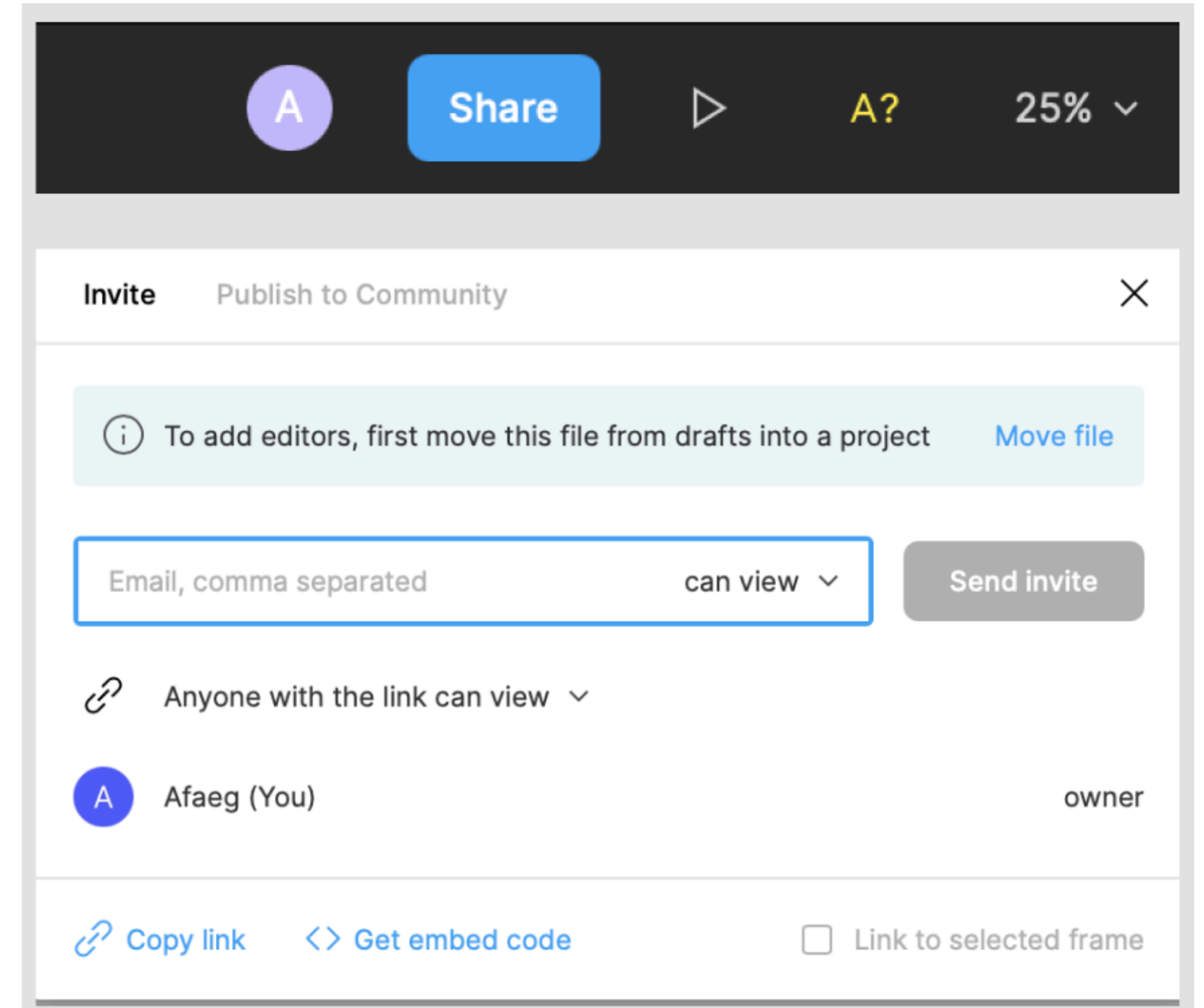


Now we are done
with designing.

Getting the URL.

1. Click on share (Top Right)
2. Click on copy link.

Paste it somewhere



Getting the token.

Paste it somewhere

Access tokens

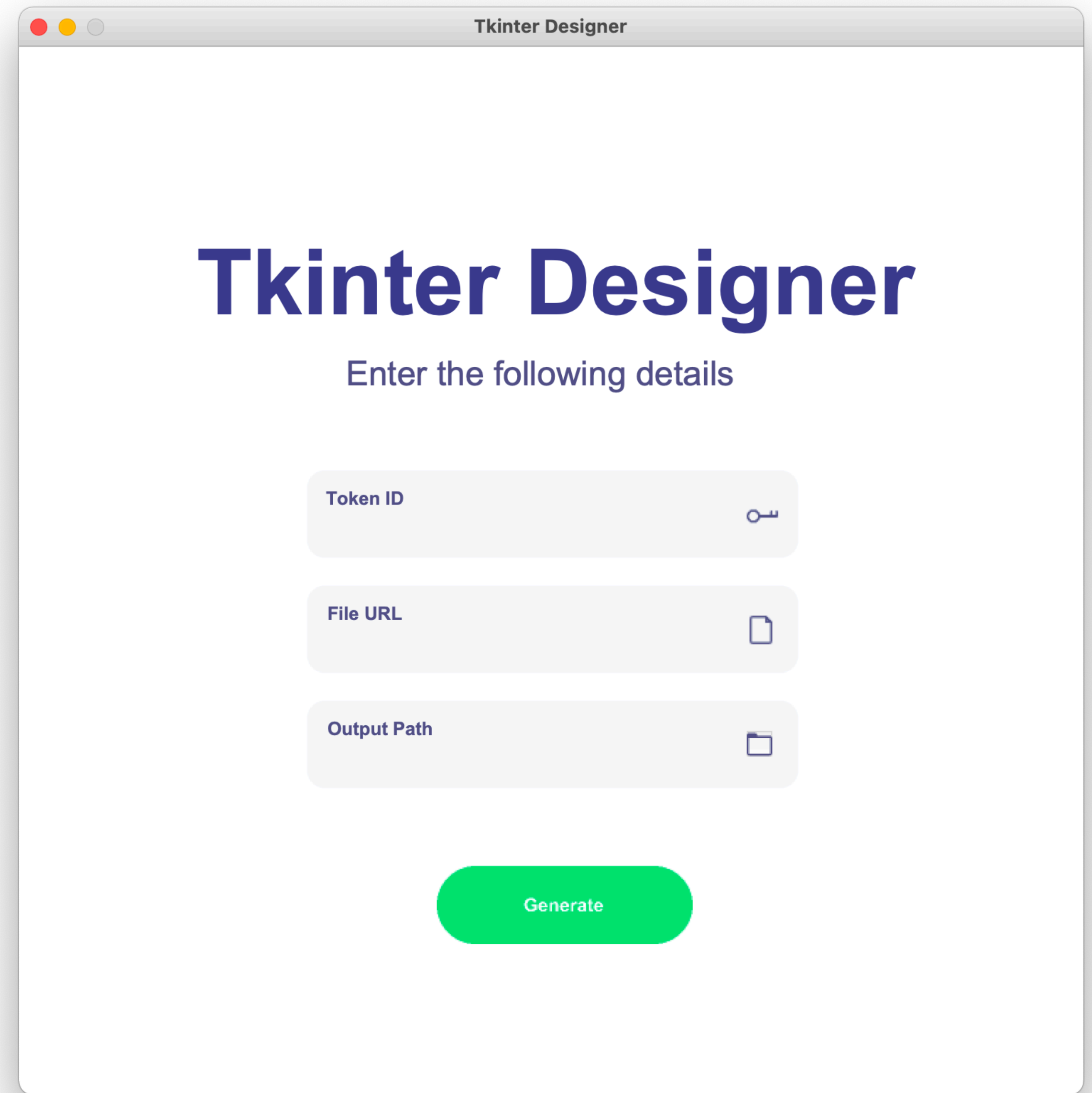
A personal access token gives the holder access to an account through the API as if they were the user who generated the token.

Generate a personal access token

1. Login to your Figma account.
2. Head to the **account settings** from the top-left menu inside Figma.
3. Find the **personal access tokens** section.
4. Click **Create new token**.
5. A token will be generated. This will be your only chance to copy the token, so make sure you keep a copy of this in a secure place.

Installing and Running

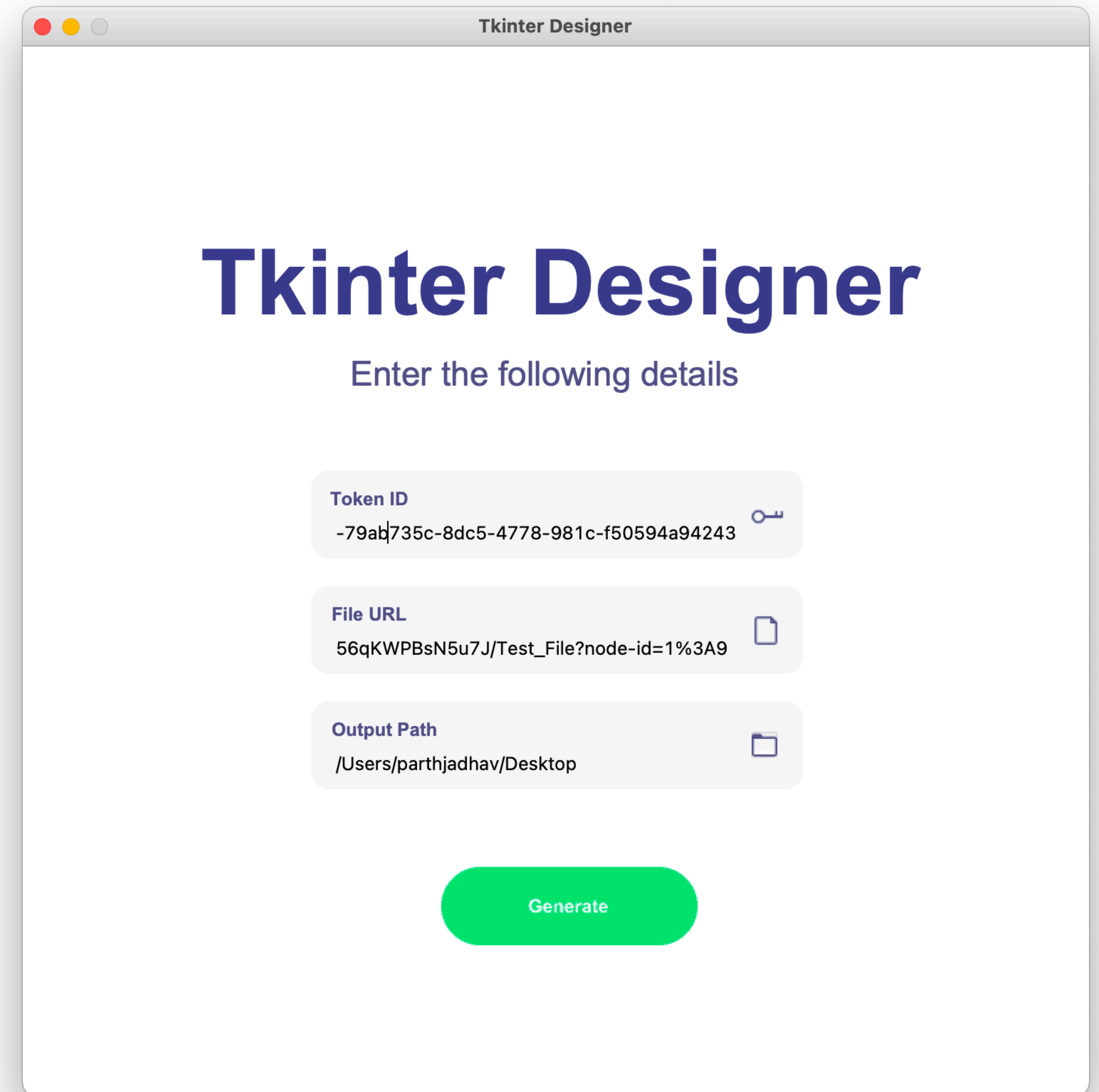
```
git clone https://github.com/ParthJadhav/Tkinter-Designer  
cd Tkinter-Designer/  
pip3 install -r requirements.txt  
python3 tkinter_designer.py
```



Generating Code.

Paste the token and URL in their respective Fields. And select the output path. And click On Generate.

Wait for the success message box to pop up.



The screenshot shows a web browser window titled "Tkinter Designer". The main heading is "Tkinter Designer" in a large, bold, dark blue font. Below the heading, it says "Enter the following details". There are three input fields, each with a label and a value, and a green "Generate" button at the bottom.

Field Label	Value	Icon
Token ID	-79ab735c-8dc5-4778-981c-f50594a94243	Key icon
File URL	56qKWPBsN5u7J/Test_File?node-id=1%3A9	Document icon
Output Path	/Users/parthjadhav/Desktop	Folder icon

Generate

Testing the generated code.

Go to the directory of output path and run window.py.

Tkinter Designer

Tkinter Designer

Enter the following details

Token ID

-79ab735c-8dc5-4778-981c-f50594a94243

🔑

File URL

56qKWPBsN5u7J/Test_File?node-id=1%3A9

📄

Output Path

/Users/parthjadhav/Desktop

📁

Generate

Done !

Now you can customise
window.py to have a
custom behaviour



Troubleshooting -

Elements not Visible Or Misplaced -

Select everything on the canvas on Figma and make sure if X & Y Coordinates are set to 0.

Button having grey background -

Check if you have added a rectangle behind the button with background colour.

Elements are different -

Check the naming of the elements in Figma.

Window bigger than screen -

Select everything and reduce the size and adjust the elements again.

Files not generated -

Reopen Tkinter Designer and Check the token and URL.

Anything Else -

Create an issue by going to this [link](#).

Thank you !

Leave a  if you liked.