In [2]:

```
from tkinter import *
from tkinter.filedialog import askopenfilename
import cv2
from tensorflow.keras.models import load_model
model = load_model('my_cnn_model')
```

In [7]:

```
win=Tk()
win.title('Prediction')
win.geometry("400x300+10+10")
def predict():
    try:
        filename = askopenfilename()
        img = cv2.imread(filename)
        img = cv2.resize(img,(28,28))
        img = cv2.cvtColor(img,cv2.COLOR_BGR2GRAY)
        img = img.reshape(1,28,28,1)
        a=int(model.predict_classes(img))
    except:
        a="Error"
    lbl3.configure(text=a)
lbl1=Label(win, text='Select the Image :')
lbl2=Label(win, text='Predicted output :')
lbl3=Label(win, text=' ', font=("Arial", 40))
lbl1.place(x=50, y=50)
lbl2.place(x=50, y=175)
b1=Button(win, text='Upload', command=predict)
b2=Button(win, text='Cancel', command=win.destroy)
b1.place(x=200, y=50)
b2.place(x=200, y=100)
lbl3.place(x=200, y=150)
#window.config(background = "blue")
win.mainloop()
```

In [ ]: