```
import tensorflow as tf
from google.colab import drive
import os
import numpy as np
from PIL import Image
import matplotlib.pyplot as plt



drive.mount('/content/drive')
model_path = '/content/drive/MyDrive/saved_model/'
model = tf.saved_model.load(model_path)

infer = model.signatures["serving_default"]
```

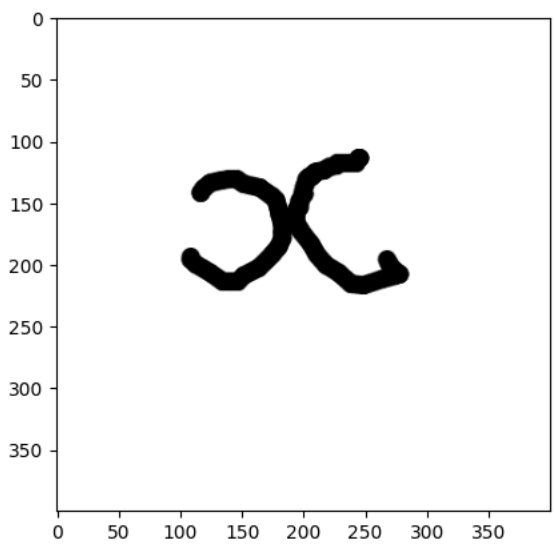
```
Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount=True).
```

```
img_path = '/content/drive/MyDrive/saved_model/samplex.png'

print("Image path:", img_path)
```

```
Image path: /content/drive/MyDrive/saved_model/samplex.png
```

```
img = Image.open(img_path)
plt.imshow(img)
plt.show()
```




```
img = tf.io.read_file(img_path)
img = tf.image.decode_jpeg(img, channels=3)
img = tf.image.resize(img, [300, 224])
img = tf.expand_dims(img, axis=0)
img = img / 255.0

prediksi = infer(tf.constant(img))

output_tensor = prediksi['dense_1']

output_array = output_tensor.numpy()
predicted_index = np.argmax(output_array)
label_mapping = {
    0: 0, 1: 1, 2: 2, 3: 3, 4: 4, 5: 5, 6: 6, 7: 7, 8: 8, 9: 9,
    10: "add", 11: "dec", 12: "div", 13: "eq", 14: "mul", 15: "sub",
    16: "x", 17: "y", 18: "z"
}

predicted_label = label_mapping.get(predicted_index, "Unknown")

print("Predicted index:", predicted_index)
print("Predicted label:", predicted_label)
```

```
Predicted index: 16
Predicted label: x
```

Mulai coding atau buat kode dengan AI.