```
Generated target name: आन
Actual target name: आन


Source name: aankhon dekhi
Generated target name: आँकीवी
Actual target name: आँखों देखी


Source name: aansoo ban gaye phool
```

Prediction

1

```
# Get user input for the source name
src_name = input("Enter the source name: ")

# Convert the source name to a sequence of integers
encoded_src_name = src_tokenizer.texts_to_sequences([src_name])

# Pad the source name to the same length
padded_src_name = pad_sequences(encoded_src_name, maxlen=padded_src_names.shape[1])

# Use the model to generate target name for the source name
generated_tgt_name = model.predict(padded_src_name)

# Convert the generated target name back to a string
decoded_tgt_name = tgt_tokenizer.sequences_to_texts(generated_tgt_name.argmax(axis=-1))[0]

# Print the source name and generated target name
print("Source name:", src_name)
g = decoded_tgt_name.split()
print("Generated target name:", ''.join(g))
```

```
Enter the source name: pratik
1/1 [==============================] - 0s 50ms/step
Source name: pratik
Generated target name: प्रतिक
```

2

```
# Get user input for the source name
src_name = input("Enter the source name: ")

# Convert the source name to a sequence of integers
encoded_src_name = src_tokenizer.texts_to_sequences([src_name])

# Pad the source name to the same length
padded_src_name = pad_sequences(encoded_src_name, maxlen=padded_src_names.shape[1])

# Use the model to generate target name for the source name
generated_tgt_name = model.predict(padded_src_name)

# Convert the generated target name back to a string
decoded_tgt_name = tgt_tokenizer.sequences_to_texts(generated_tgt_name.argmax(axis=-1))[0]

# Print the source name and generated target name
print("Source name:", src_name)
g = decoded_tgt_name.split()
print("Generated target name:", ''.join(g))
```

```
Enter the source name: chaudhari
1/1 [==============================] - 0s 33ms/step
Source name: chaudhari
Generated target name: चौधरी
```

3

```
# Get user input for the source name
src_name = input("Enter the source name: ")
```

```
# Convert the source name to a sequence of integers
encoded_src_name = src_tokenizer.texts_to_sequences([src_name])

# Pad the source name to the same length
padded_src_name = pad_sequences(encoded_src_name, maxlen=padded_src_names.shape[1])

# Use the model to generate target name for the source name
generated_tgt_name = model.predict(padded_src_name)

# Convert the generated target name back to a string
decoded_tgt_name = tgt_tokenizer.sequences_to_texts(generated_tgt_name.argmax(axis=-1))[0]

# Print the source name and generated target name
print("Source name:", src_name)
g = decoded_tgt_name.split()
print("Generated target name:", ''.join(g))
```

```
Enter the source name: for
1/1 [==============================] - 0s 34ms/step
Source name: for
Generated target name: फॉर
```

4

```
# Get user input for the source name
src_name = input("Enter the source name: ")

# Convert the source name to a sequence of integers
encoded_src_name = src_tokenizer.texts_to_sequences([src_name])

# Pad the source name to the same length
padded_src_name = pad_sequences(encoded_src_name, maxlen=padded_src_names.shape[1])

# Use the model to generate target name for the source name
generated_tgt_name = model.predict(padded_src_name)

# Convert the generated target name back to a string
decoded_tgt_name = tgt_tokenizer.sequences_to_texts(generated_tgt_name.argmax(axis=-1))[0]

# Print the source name and generated target name
print("Source name:", src_name)
g = decoded_tgt_name.split()
print("Generated target name:", ''.join(g))
```

```
Enter the source name: dev
1/1 [==============================] - 0s 33ms/step
Source name: dev
Generated target name: देव
```

5

```
# Get user input for the source name
src_name = input("Enter the source name: ")

# Convert the source name to a sequence of integers
encoded_src_name = src_tokenizer.texts_to_sequences([src_name])

# Pad the source name to the same length
padded_src_name = pad_sequences(encoded_src_name, maxlen=padded_src_names.shape[1])

# Use the model to generate target name for the source name
generated_tgt_name = model.predict(padded_src_name)

# Convert the generated target name back to a string
decoded_tgt_name = tgt_tokenizer.sequences_to_texts(generated_tgt_name.argmax(axis=-1))[0]

# Print the source name and generated target name
print("Source name:", src_name)
g = decoded_tgt_name.split()
print("Generated target name:", ''.join(g))
```

```
Enter the source name: naagri
1/1 [==============================] - 0s 34ms/step
Source name: naagri
Generated target name: नागरी
```