

ARJUN COLLEGE OF TECHNOLOGY

# ASSIGNMENT – 4

NAAN MUDHALVAN

NAME :MADALA CHAITANYA

REG NO: 723920243024

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- [Text Classification](#): Classify IMDB film reviews as either *positive* or *negative*.
- [Style Transfer](#): Use deep learning to transfer style between images.
- [Multilingual Universal Sentence Encoder Q&A](#): Use a machine-learning model to answer questions from the SQUAD dataset.
- [Video Interpolation](#): Predict what happened in a video between the first and the last frame.

```
# Creating two lists
list1 = [1, 2, 3, 4]
list2 = [5, 6, 7, 8]

# Joining the two lists
joined_list = list1 + list2

# Printing the joined list
print(joined_list)
```

[1, 2, 3, 4, 5, 6, 7, 8]

```
[16] # Creating a list of numbers
numbers = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

# Initialize an empty list to store even numbers
even_numbers = []

# Iterate through the list of numbers
for num in numbers:
    # Check if the number is even using the modulo operator (%)
    if num % 2 == 0:
        # If the number is even, add it to the even_numbers list
        even_numbers.append(num)

# Print the even numbers
print("Even numbers:", even_numbers)
```

Even numbers: [2, 4, 6, 8, 10]

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```
my_dict = {
    'key1': ['value1a', 'value1b'],
    'key2': ['value2a', 'value2b'],
    'key3': ['value3a', 'value3b']
}

# Accessing values by key
print("Values for key1:", my_dict['key1'])
print("Values for key2:", my_dict['key2'])
print("Values for key3:", my_dict['key3'])#
```

Values for key1: ['value1a', 'value1b']  
Values for key2: ['value2a', 'value2b']  
Values for key3: ['value3a', 'value3b']

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