

**ARJUN COLLEGE OF TECHNOLOGY**

**ASSIGNMENT – 4**

**NAAN MUDHALVAN**

**Name : KURRA DEEPESH**

**Reg no : 723920243022**

colab.research.google.com/?utm\_source=scs-index#scrollTo=XunUJ9Nldteb

Welcome to Colaboratory

File Edit View Insert Runtime Tools Help Cannot save changes

Table of contents

- Getting started
- Data science
- Machine learning
- More resources
- Featured examples
- Section

```
#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]

[14] # 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]
```

0s completed at 23:40

kurradeepesh07@gmail.com

Hi, DEEPESH REDDY!

Manage your Google Account

Add account Sign out

Privacy policy Terms of service

Type here to search

NIFTY +0.59%

11:41 PM 10/10/2023

colab.research.google.com/?utm\_source=scs-index#scrollTo=XunUJ9Nldteb

Welcome to Colaboratory

File Edit View Insert Runtime Tools Help Cannot save changes

Table of contents

- Getting started
- Data science
- Machine learning
- More resources
- Featured examples
- Section

```
#Creating a dictionary
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']

def find_odd_numbers(numbers):
    # Initialize an empty list to store odd numbers
    odd_numbers = []

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

    # Return the list of odd numbers
    return odd_numbers
```

0s completed at 23:40

kurradeepesh07@gmail.com

Hi, DEEPESH REDDY!

Manage your Google Account

Add account Sign out

Privacy policy Terms of service

Type here to search

NIFTY +0.59%

11:41 PM 10/10/2023