



**SILIGURI INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF ELECTRICAL ENGINEERING**



# **Presentation on:- Contact Book in Python**

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# Topics

INTRODUCTION

OVERVIEW

SCOPE

Software Requirement Specification

ACKNOWLEDGEMENT

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# Software Requirement Specification



## ***Softwares:***

### ***1. Operating System***

- Windows OS 10 (owned)
- Linux
- MAC OS

### ***2. Web Browser***

- Internet Explorer 7
- Google Chrome
- Mozilla Firefox
- All web browser i.e. supported by javascript.



## ***Hardwares:***

- 1. CPU core to dual core***
- 2. HDD-256 GB***
- 3. RAM-1 GB(minimum)***



# Introduction

Our task is to implement a contact book that collects contact data from the user until the user prompts the program. Contact data refers to the contact's name, phone number. The user may enter as much data as he can in the mentioned data labels. If some labels remain void of data, store it as None. A name & the number is mandatory to create contact.

# Overview

There are a total of 6 functions used in this code , namely :

**save()** : The first function to run, to save as many contact as wanted.

**add()** : It adds a new contact .

**remove()**: It removes an existing contact.

**delete()** : It deletes all the contacts from the Contacts book.

**show()**: It displays all the contacts from the Contacts book.

**find()** : It will search and display an existing contact in the Contacts directory.



# SCOPE

This system is develop using the general need required by the user while using this contact book  
User can use this to store contacts ,to access and also to delete one or all contact details.



Command Prompt - OneDrive\Desktop\pythonproject\project.py

Microsoft Windows [Version 10.0.19042.1469]

(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>OneDrive\Desktop\pythonproject\project.py

This is Contact book

Enter how many contacts you want to save first: 2

[]

Enter 1 contact details :

Enter name: arjun

Enter number: 312432

Enter 2 contact details :

Enter name: sudip

Enter number: 346575688

[['arjun', 312432], ['sudip', 346575688]]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 1

Enter name: subhojit

Enter number: 2343545435

Choose any option from below:



Type here to search



33°C Light rain



ENG

12:46

15-09-2022





Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 5

['arjun', 312432]

['sudip', 346575688]

['subhojit', 2343545435]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: \_



Type here to search



33°C Light rain



ENG

12:46

15-09-2022





Command Prompt - OneDrive\Desktop\pythonproject\project.py

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 5

['arjun', 312432]

['sudip', 346575688]

['subhojit', 2343545435]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 2

Enter the name: arjun

['arjun', 312432]

Contact has now been removed

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice:



Type here to search



33°C Light rain



12:47  
15-09-2022



```
['sudip', 346575688]
['subhojit', 2343545435]
```

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 2

Enter the name: arjun  
['arjun', 312432]

Contact has now been removed

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 4

Enter the name: sudip  
['sudip', 346575688]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: \_

```
Command Prompt
['subhojit', 2343545435]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 2

Enter the name: arjun
['arjun', 312432]

Contact has now been removed

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 4

Enter the name: sudip
['sudip', 346575688]

Choose any option from below:

1. Add a new contact
2. Remove any contact
3. Delete all
4. Search
5. Display all contacts
6. Exit

Please enter your choice: 6

C:\Users\hp>
```

# References

- <https://www.w3schools.com/python/>
- <https://easycodebook.com/2020/04/python-file-phonebook-program/>