**Experiment 4**

**PD LAB**

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Write a Contact application

**Code:**

contact\_book = {}

while True:

choice = input("Please enter [A/S/P/X]\nA - All numbers\nS - Save Contact\nP - Display Contact\nX - Exit").upper()

if choice == 'S':

name = input("Enter the name: ")

number = input("Enter the contact number: ")

email = input("Enter the email id: ")

company = input("Enter your company: ")

# Store the contact information as a dictionary within the contact\_book

contact\_book[name] = {

'Number': number,

'Email': email,

'Company': company

}

elif choice == 'P':

search = input("Enter the name: ")

# Check if the name exists in the contact book

if search in contact\_book:

contact\_info = contact\_book[search]

i = input("Please enter any one [NO/E/C]\nNO - Number\nE - Email id\nC - Company").upper()

if i == 'NO':

print(f"The number of {search} is: {contact\_info['Number']}")

elif i == 'E':

print(f"The email id of {search} is: {contact\_info['Email']}")

elif i == 'C':

print(f"The company of {search} is: {contact\_info['Company']}")

# else:

# print(f"{search} is not in the contact book.")

elif choice == 'A':

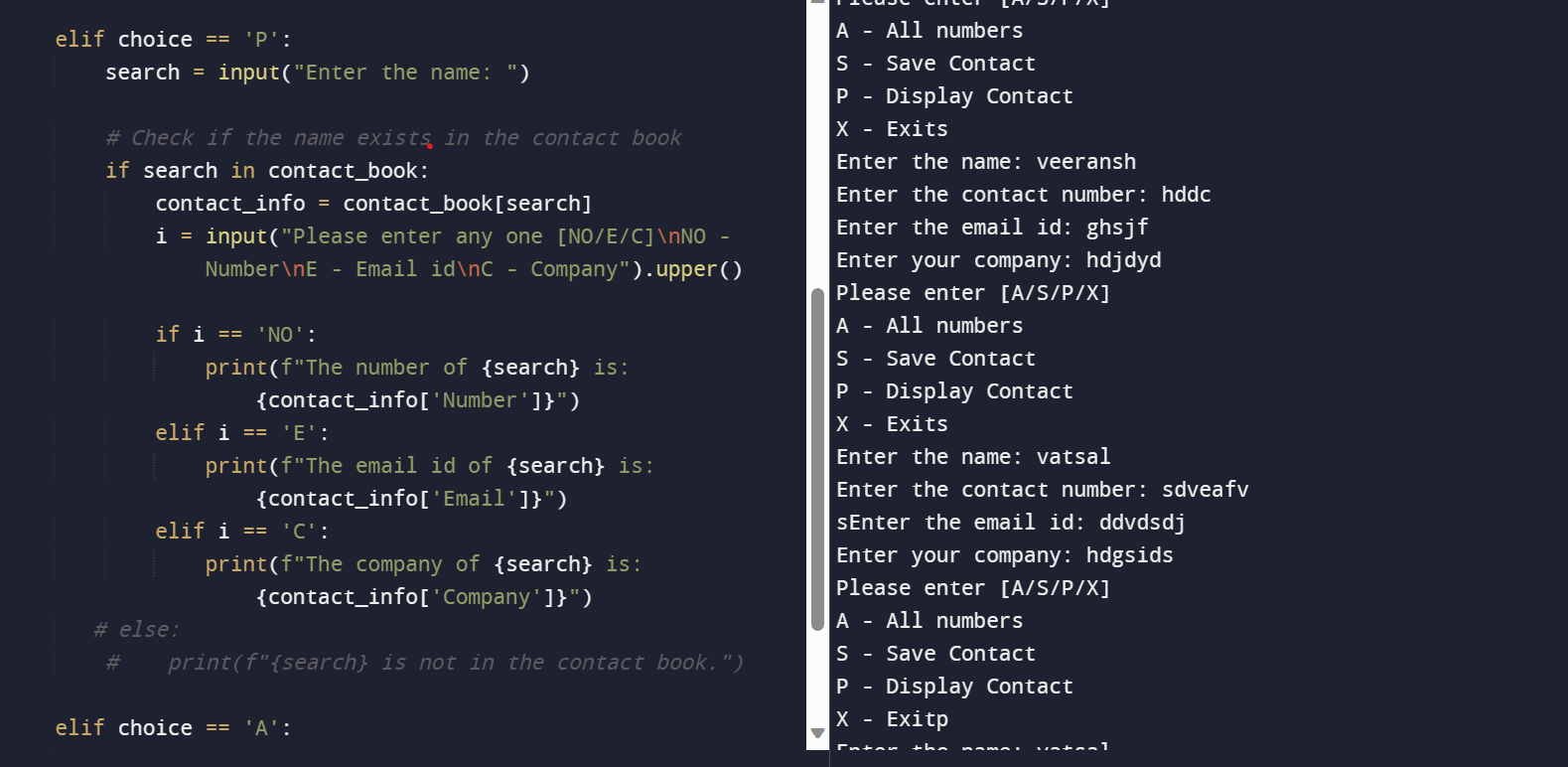
# Print the entire contact book

print(contact\_book)

elif choice == 'X':

break

Output:



**Conclusion:**

Through this assignment we learn how to make dictionaries to ease human tasks. We learn to make the same in python which has various libraries.