

createAddressBook

Problem Statement:

Write a function `createAddressBook(address_list)` that takes a list of tuples as input and creates an address book using a dictionary. In this address book:

- The keys should be the names of people.
- The values should be their corresponding phone numbers.

The function should then iterate over the dictionary to display all the entries in the format Name: Phone Number.

If the input list is empty, the function should return an empty dictionary.

Input Format:

- A list of tuples, where each tuple contains:
 - A string representing a person's name.
 - A string representing the person's phone number.

Output Format:

- A dictionary where the keys are names and the values are phone numbers.
- The function should also print each entry in the dictionary in the format Name: Phone Number.

Sample Input:

```
[("Anjali", "9876543210"), ("Vikram", "9123456789"), ("Meera", "9988776655"), ("Ravi", "8765432109")]
```

Sample Output:

```
Anjali: 9876543210
Vikram: 9123456789
Meera: 9988776655
Ravi: 8765432109
```

Explanation:

1. The input list contains four tuples, each with a name and a phone number.
2. The function processes this list to create a dictionary where:
 - "Anjali" is the key with the value "9876543210".
 - "Vikram" is the key with the value "9123456789".

- "Meera" is the key with the value "9988776655".
 - "Ravi" is the key with the value "8765432109".
3. The function then iterates over the dictionary and prints each entry in the format Name:
Phone Number.
 4. The final output is a dictionary containing all the address book entries, and the function also prints each entry to the console.