Code:

import copy

Employee\_info = []

#input information for 5 users

for i in range(5):

    print("Enter Employee details : ")

    #dictionary to store information

    store = {}

    #prompt the user for Employee\_Id

    while True:

        Employee\_Id = input("Enter Employee\_Id : ")

        #if the Employee\_Id is valid

        if len(Employee\_Id) <= 7 and Employee\_Id.isdigit():

            store["Employee\_Id"] = Employee\_Id

            break

        else:

            print("Please provide correct details for Employee\_Id")

    #prompt the user for Employee\_Name

    while True:

        Employee\_Name = input("Enter Employee\_Name : ")

        #if the Employee\_Name is valid

        Upper = 0;Lower = 0;flag = 0

        for ch in Employee\_Name:

            #check if it conatins digit ,blank space or special characters

            if ch == " " or ch in '1234567890' or ch in ' ! " @ # $ % ^ & \* ( ) \_ = + , < > / ? ; : [ ] { } \ )':

                flag = 1

                break

            elif ch.isupper():

                Upper += 1

            else:

                Lower += 1

        if flag == 0 and Upper > 0 and Lower > 0:

            store["Employee\_Name"] = Employee\_Name

            break

        else:

            print("Please provide correct details for Employee\_Name")

    #prompt the user for Employee\_email

    while True:

        Employee\_email = input("Enter Employee\_email : ")

        #if the Employee\_email is valid

        Upper = 0;lower = 0;flag = 0;

        for ch in Employee\_email:

            #check if it conatins digit ,blank space or special characters

            if ch == " " or ch in "1234567890" or ch in ' ! "  # $ % ^ & \* ( ) \_ = + , < > / ? ; : [ ] { } \ )':

                flag = 1

                break

        if flag == 0 :

            store["Employee\_email"] = Employee\_email

            break

        else:

            print("Please provide correct details for Employee\_email")

    ask = input("Do you want to give the Address (Y/N) : ")

    if ask != 'N':

        #prompt the user for Employee\_address

        while True:

            Employee\_address = input("Enter Employee\_address : ")

            #if the Employee\_address is valid

            Upper = 0;lower = 0;flag = 0;

            for ch in Employee\_address:

                #check if it conatins digit ,blank space or special characters

                if  ch in "1234567890" or ch in '!"#$%^&\*()\_=+,<>/?;:[]{}\)':

                    flag = 1

                    break

            if flag == 0 :

                store["Employee\_address"] = Employee\_address

                break

            else:

                print("Please provide correct details for Employee\_address")

    else:

        print("You did not provide an address")

    #storing the details in the Employee Info

    Employee\_info.append(copy.copy(store))

#displaying details

for data in Employee\_info:

    print(data)

Screenshots:

