

Application Development with .NET (32998, 31927)

Tutorial -11 Questions

Please download the sample code from UTSONline and follow the instructions

Program 1:

Scenario:

You have a class named *Contacts* and a generic *List* inside it. The *List* stores name and phone number of your contact. You want to use *foreach* to iterate all the list entries.

Write a program to create the *Contract* and *Contracts* class. The *Contracts* class implements the *IEnumerable* so that *foreach* can be used to iterate all the entries in the contacts list. *foreach* looks for *GetEnumerator()*, hence the implementation for *GetEnumerator()* method should be provided. Use the class diagrams given below as reference.

Contact
- Name: String
- PhoneNumber: String
- Get; set; for Name
- Get; Set, for PhoneNumber

Contacts : IEnumerable<Contact>
- contracts: List<Contact>
- GetEnumerator() : IEnumerator<Contact>
- GetEnumerator() : IEnumerator

The main method implementation is provided. You will have to write the code for creating the *Contact* and *Contacts* class along with the required properties and methods.

Expected output:

Name: a Phone:123456789

Name: b Phone:125656789

Name: c Phone:789456789

Name: d Phone:123676789