Sub Main()

Dim findname As String

Dim nameemail(100) As String

Dim name As String

Dim email As String

Dim index As Integer

Dim index2 As Integer

Dim found As Boolean = False

Dim x As Integer = 1

Dim found2 As Boolean = False

Dim findingname As String

Dim length As Integer

Dim emaillength As Integer

Console.WriteLine("Enter Name")

name = Console.ReadLine()

Do Until name = "stop"

Console.WriteLine("Enter Email")

email = Console.ReadLine()

nameemail(index) = name & "#" & email

index = index + 1

Console.Clear()

Console.WriteLine("Enter Name")

name = Console.ReadLine()

Loop

Console.Clear()

For index2 = 0 To index

If Left(nameemail(index2), 1) = "#" Then

nameemail(index2) = "null"

ElseIf Right(nameemail(index2), 1) = "#" Then

nameemail(index2) = "null"

Else

Console.WriteLine(nameemail(index2))

End If

Next

Console.WriteLine("Enter the name you want to find")

findname = Console.ReadLine()

index2 = 0

Do Until found2 = True Or index2 = index

x = 1

length = Len(nameemail(index2))

found = False

Do Until found = True Or x - 1 = length

If Mid(nameemail(index2), x, 1) = "#" Then

found = True

findingname = Left(nameemail(index2), (x - 1))

ElseIf Left(nameemail(index2), x) = "null" Then

index2 = index2 + 1

Else x = x + 1

End If

Loop

If findname = findingname Then

found2 = True

emaillength = length - x

Console.WriteLine("The Name has been found")

Console.WriteLine("Following is the email:-")

Console.WriteLine(Right(nameemail(index2), emaillength))

Else index2 = index2 + 1

End If

Loop

If found2 = False Then

Console.WriteLine("The name you specified was not found")

End If

Console.ReadKey()

End Sub