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Assignment Three

Code

**BaseClass.cs**

public class BaseClass

{

public virtual bool IsValidated()

{

return false;

}

}

**Person.cs**

public class Person : BaseClass

{

// Properties for FirstName and LastName

public string FirstName { get; set; }

public string LastName { get; set; }

// Constructor with two string parameters having default values

public Person(string firstName = "", string lastName = "")

{

FirstName = firstName;

LastName = lastName;

}

// Overridden IsValidated method

public override bool IsValidated()

{

// Null-coalescing assignment to ensure non-null strings

FirstName = FirstName ?? "";

LastName = LastName ?? "";

// Validation logic

return FirstName.Length > 0 && LastName.Length > 0;

}

}

**Program.cs**

class Program

{

static void Main(string[] args)

{

Person bob = new Person();

Console.WriteLine(bob.IsValidated());

Person kim = new Person("kim", "smith");

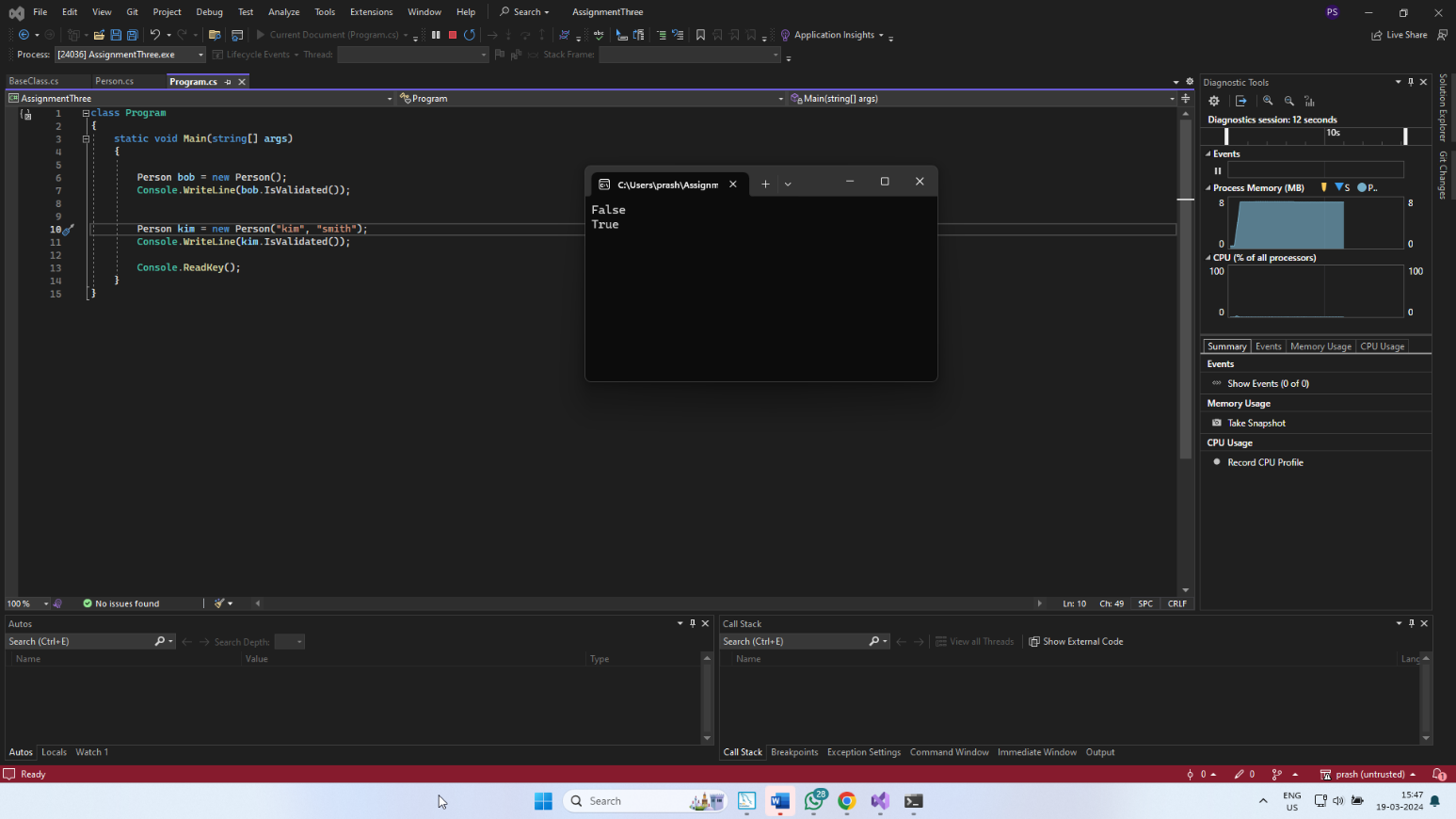
Console.WriteLine(kim.IsValidated());

Console.ReadKey();

}

}

**OUTPUT**

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