2017 International Skills Competition of China

IT Software Solutions for Business

Test Project

Testing Instruction

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TestCode project is a window application. This application can calculate the next date of the entered date when the user enters a date (including year, month and day). The 4 methods included in Validation.cs file of the project is the business requirements files. The function call relation between them is as below:



You need to design 2 test cases to finish the unit test for the IsLeapYear method of Validation.cs file. UnitTest.cs file of TestCode project is the compile document of unit test case. You are required to finish the compiling of unit test case of Validation.cs in UnitTest.cs, and create the report of the test cases based on the template named testing-template.docx.

You need to complete the integration test according to the integratin test method, and the funcions call diagram above. IntegrationTest.cs file of TestCode project is the compile document of integration test case. You are required to finish the compiling of the integration test case of Validation.cs in IntegrationTest.cs.

At last, submit the codes of TestCode project.