

***C# BASICS***

**Training Assignments**

|  |  |
| --- | --- |
| Document Code | 25e-BM/HR/HDCV/FSOFT |
| Version | 1.1 |
| Effective Date | 20/11/2012 |

**Hanoi, 06/2019**

RECORD OF CHANGES

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Effective Date | Change Description | Reason | Reviewer | Approver |
|  | 01/Oct/2018 | Create new | Draft |  |  |
|  | 01/Jun/2019 | Update template | Fsoft template | DieuNT1 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Contents

[Day 2: Assignment 6: Basic Project 4](#_Toc12354659)

[Objectives: 4](#_Toc12354660)

[Business needs: 4](#_Toc12354661)

[Working requirements: 4](#_Toc12354662)

[Technologies: 4](#_Toc12354663)

[IO: 4](#_Toc12354664)

[1. Exercise 1 5](#_Toc12354665)

[2. Exercise 2 5](#_Toc12354666)

[3. Exercise 3 5](#_Toc12354667)

|  |  |
| --- | --- |
|  | **CODE: Net.M.A006**  **TYPE: MEDIUM**  **LOC: 190**  **DURATION: 180 MINUTES** |

# Day 2: Assignment 6: Basic Project

**Objectives:**

* Understand and practice basic of C#.
* Practice code in Visual Studio
* Follow coding convention.

**Business needs:**

* TBD

**Working requirements:**

* Working environment: Visual Studio 2013 or higher.Practice code in Visual Studio
* Each exercise is one project inside 1 solution.
* Delivery: Source code, deployment and testing, reviewing evident packaged in a compress archive.

**Technologies:**

The product implements one or more technology:

* C# basic
* Control of Flows

**IO:**

* Console windows

1. Exercise 1

Write code to get maximum and minimum of the inputted array.

Example: [5, 8, 12, -10, 6, 4]

Maximum is: 12

Minimum is: -10

Complete your code inside **Net.M.A006.Exercise1.**

Run and check the result

**Estimated time:** 60 mins

1. Exercise 2

Write code to get greatest common divisor of 2 numbers.

Example: Greatest common divisor of 8 and 12 is 4

Complete your code inside **Net.M.A006.Exercise2**.

Update all comments in the project

Run and check the result

**Estimated time**: 60 mins

1. Exercise 3

Write code to get greatest common divisor of an array.

Example: Greatest common divisor of [12, 18, 24] is 3

Complete your code inside **Net.M.A006.Exercise3.**

Update all comments in the project

Run and check the result

**Estimated time**: 60 mins