C# BASICS

Training Assignments

Document Code	25e-BM/HR/HDCV/FSOFT
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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1.	01/Oct/2018	Create new	Draft		
2.	01/Jun/2019	Update template	Fsoft template	DieuNT1	

Contents

CODE:	NPL.M.A002
TYPE:	MEDIUM
LOC:	
DURATION:	120 MINUTES

Assignment 2: 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

Technical Requirements:

- Solution name must be NPL.M.A002.
- Must create projects corresponding to each exercise:

  NPL.M.A002.Exercise1.

  NPL.M.A002.Exercise2.

  NPL.M.A002.Exercise3.

1. Exercise 1: Find max and min elements in an array

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

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

Maximum is: 12

Minimum is: -10

Complete your code inside **NPL.M.A002.Exercise1.**

Run and check the result

Estimated time: 30 mins

2. Exercise 2: Find GCD of 2 numbers

Write code to find greatest common divisor of 2 numbers.

Example: Greatest common divisor of 8 and 12 is 4

Complete your code inside **NPL.M.A002.Exercise2**.

Update all comments in the project

Run and check the result

Estimated time: 45 mins

3. Exercise 3: Find GCD of an array

Write code to find greatest common divisor of an array.

Example: Greatest common divisor of [12, 18, 24] is 6

Complete your code inside **NPL.M.A002.Exercise3.**

Update all comments in the project

Run and check the result

Estimated time: 45 mins