

***C# BASICS***

**Training Assignments**

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| 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 |  |
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|  | **CODE: Net.M.A004**  **TYPE: MEDIUM**  **LOC: 190**  **DURATION: 120 MINUTES** |

# Day 1: Assignment 4: Basic Project

**Objectives:**

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

**Business needs:**

* TBD

**Prerequisites:**

* 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 evaluate of a polynomial:

y = 2x3 – 6x2 + 2x -1

Example: at x = 1, y = -3

Complete your code inside **Net.M.A004.Exercise1.**

Run and check the result

**Estimated time:** 60 mins

1. Exercise 2

Horner's method is used to evaluation of a polynomial of degree n with only n multiplications and n additions. For more information, refer link: <https://en.wikipedia.org/wiki/Horner%27s_method>

Write code to implement Horner’s method.

Complete your code inside **Net.M.A004.Exercise2**.

Update all comments in the project

Run and check the result

**Estimated time**: 60 mins