

COS20007 (Show Wai Yan – 105293041)

# Object-Oriented Programming

## Pass Task 1.2: Object-Oriented “Hello, World!”

### Program source codes

#### Program.cs

```
using System;
```

```
namespace HelloWorld
```

```
{
```

```
    internal class Program
```

```
    {
```

```
        private static void Main(string[] args)
```

```
        {
```

```
            Message myMessage = new Message("Hello, World! Greeting from Message Object. My Student ID is 105293041");
```

```
            myMessage.Print();
```

```
            Message[] messages = {
```

```
                new Message("Hi Kaung Htet Nyein, how are you?"),
```

```
                new Message("Hi Khant Thu Aung, how are you?"),
```

```
                new Message("Hi Zin Ko Oo, how are you?"),
```

```
                new Message("Welcome Admin"),
```

```
                new Message("Welcome, nice to meet you")
```

```
            };
```

```
            while (true)
```

```
            {
```

```
                Console.Write("Enter name: ");
```

```
                string name = Console.ReadLine().ToLower();
```

```
        if (name == "exit") break;

        else if (name == "kaung htet nyein") messages[0].Print();

        else if (name == "khant thu aung") messages[1].Print();

        else if (name == "zin ko oo") messages[2].Print();

        else if (name == "show wai yan") messages[3].Print();

        else messages[4].Print();

    }

}

}
```

## Message.cs

```
namespace HelloWorld
{
    internal class Message
    {
        private string _text;

        public Message(string text)
        {
            _text = text;
        }

        public void Print()
        {
            Console.WriteLine(_text);
        }
    }
}
```

## Screenshot of the console output

```
Hello, World! Greeting from Message Object. My Student ID is 105293041
Enter name: Kaung Htet Nyein
Hi Kaung Htet Nyein, how are you?
Enter name: Khant Thu Aung
Hi Khant Thu Aung, how are you?
Enter name: Zin Ko Oo
Hi Zin Ko Oo, how are you?
Enter name: Show Wai Yan
Welcome Admin
Enter name: John
Welcome, nice to meet you
Enter name: Exit
```

## Screenshot of Visual Studio with an active breakpoint

