

# EAD HOMEWORK\_1

(BSSE & BSIT FALL 2018)

## Instructions:

- Work on this Homework individually. Discussion is not allowed.
- Anyone caught being indulged in the act of plagiarism would be awarded **F** grade in this Subject.

## Answers the following Questions:

**Q1:** What is IL and how IL code is converted into machine executable code?

**Q2:** Differentiate between .NET Core and .NET Frameworks. (Minimum 4 Points)

**Q3:** Why Decimal data type variable takes more space and store less data than double type variable? Please explain it with example.

**Q4:** What are the default values of

1. Int
2. uint
3. Double
4. Float
5. Decimal
6. Object

**Q5:** Please find out the errors if they have in these snippets and rewrite the code.

```
1: static void Main(string[] args)
{
    string String = null;
    int? numbers = 85;
    String = $"Ahmad got [numbers] marks/n";
    object obj = String;
    obj = obj.ToLower();
    Console.WriteLine(obj);
}
```

```
2: static void Main(string[] args)
{
    int age = Console.Read();
    Console.WriteLine(age);
}
```

**Q6:** Differentiate between var and dynamic with an example.

**Q7:** Write a program that displays the ascii value of a key when pressed by user.

**Q8:** Write a program that displays the table of a number X to the length N. Your program must get these values as arguments in the main function. You need to use formatted output in your program to get full marks.

**Q9:** Write a program that takes 5 Fruits names along with their prices in command line arguments and display them in proper output formatting.