Sebastian Grygorczuk - STEM Institute at CCNY

Game Development Homework #3

Due End of Day: Friday, 7/21/22

Using the Project files at this GitHub link: https://github.com/Sgrygorczuk/Homework_3

Problem 1 (2pts) :

```
/*
 *Using a loop go through all of the elements in the part array and add them up to a sum
 *Stored in the int sum variable, then print it out
 *Your result should be 325580886
*/
Unity Message | 0 references
void Start()
{
    int[] parts = new int[10] { 12, 3, 4234, 123, 325453141, 123, 123213, 1, 4, 32 };
    int sum = 0;
}
```

Problem 2 (2pts) :

```
/*
 * Using a loop go through the disorder array and print out true or false if the numbers are in rising order
 * It should be false, as 2 is smaller than 5. In order would be 0,2,5.
*/
Unity Message | 0 references
void Start()
{
    int[] disorder = new int[3]{0,5,2};
    bool isInOrder;
}
```

Problem 3 (2pts) :

```
/*
 * Using the names array create inputs into the index Names List consisting of "n. " + name
 * Such that when you print out the List you will see
 * 1. Clark
 * 2. Bruce
 * 3. Diana
 * 4. Barry
 * 5. Hal
 * 6. Arthur
 */
Unity Message | 0 references
void Start()
{
    string[] names = new string[6]{ "Clark", "Bruce", "Diana", "Barry", "Hal", "Arthur"};
    List<string> indexedNames = new List<string>();
}
```

Problem 4 (4pts) :

```
/* Create a List of numbers that are odd and are divisible by the number 7 between 1 and 144.
 * You should have a list that looks like this 7, 21, 35, 49, 63, 77, 91, 105, 119, 133
 * Declare an array that's half the size of the list and save every other number from the list into the array
 * You should have a array that looks like this 7, 35, 63, 91, 119
*/
Unity Message | 0 references
void Start()
{
}
```