1. Load Sample

sample class

```
참조 1개
∃enum Games
     Ori and the Will of the Wisps,
     OMORI,
     OneShot,
     Katana ZERO,
     Danganronpa,
     VA 11 Hall A Cyberpunk Bartender Action,
 [Serializable]
 참조 2개
⊡class BlogTest
     [SerializeField] int number;
     [SerializeField] string text;
     [SerializeField] float primeNumber;
     [SerializeField] bool flag;
     public KeyValuePhir<int, string> pair;
     [SerializeField] Games games;
```

And in order to be applied to CsvUtility, it is unconditional!! It must be public or have the [SerializeField] property. Note that this rule is the same as for JsonUtility.

sample csv file

1	Α	В	C	D	E	F	G	Н
1	number	text	primeNum	flag	pair	games		
2	1	Н	0.1	TRUE	6, W	Ori_and_the	_Will_of_t	he_ W isps
3	2	He	0.2	TRUE	7, W o	OMORI		
4	3	Hel	0.3	TRUE	8, W or	OneShot		
5	4	Hell	0.4	FALSE	9, Worl	Katana_ZER	Э	
6	5	Hello	0.5	FALSE	10, World	Danganronp	оа	
7								

The first line is the variable name, followed by the data.

code

```
© Unity 스크립트(자산 참조 1개) [참조 0개

□ public class Blog: MonoBehaviour

{

       [SerializeField] BlogTest[] blogTests;

       [SerializeField] TextAsset csvAsset;

       [ContextMenu("Do Test")]

참조 0개

       void Test()

       {

            blogTests = CsvUtility.CsvToArray<BlogTest>(csvAsset.text);

       }

       }
```

result



2. Save Sample

sample class

```
[Serializable]
참조 1개
Eclass BlogTest
{
    [SerializeField] string text;
    [SerializeField] int[] numbers;
    public Dictionary<Games, float> MetacriticScoreByGame;
    [SerializeField] Vector3 vector;
}
```

sample data



code

```
Bunity 소크럴트(사업 실소 [세]) 함호 U개

[SerializeField] BlogTest[] blogTests;
[SerializeField] TextAsset csvAsset;

참조 1개

string filePath => Path.Combine(Application.dataPath, "saveTest.csv");

[ContextMenu("Do Test")]

참조 0개

void Test()

{

blogTests[0].MetacriticScoreByGame.Add(Games.Ori_and_the_Will_of_the_Wisps, 8.9f);

blogTests[0].MetacriticScoreByGame.Add(Games.OmeSnot, 8.9f);

blogTests[1].MetacriticScoreByGame.Add(Games.OmeSnot, 8.9f);

blogTests[1].MetacriticScoreByGame.Add(Games.Danganronpa, 8.7f); // 단간론파2 기준 점수입니다.

blogTests[2].MetacriticScoreByGame.Add(Games.VA_11_Hall_A_Cyberpunk_Bartender_Action, 8.3f);

string csv = CsvUtility.ArrayToCsv(blogTests);

Stream fileStream = new FileStream(filePath, FileMode.Create, FileAccess.Write);

StreamWriter outStream = new StreamWriter(fileStream, System.Text.Encoding.UTF8);

outStream.Close();

}
```

result

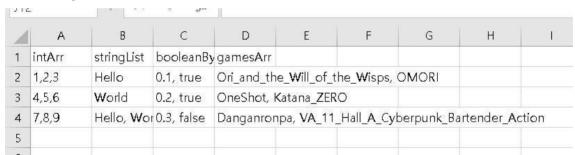
Α	В	C	D	E	F	G	Н
text	numbers	MetacriticScoreByGame	vector	x	у	z	vector
Hello	1,2	Ori_and_the_Will_of_the_Wisps,8.9,OMORI,9.2		-1	-1	-1	
World	3,4,5	OneShot,8.9,Katana_ZERO,8.9		7	7	7	
Hello W orld	6	Danganronpa, 8.7, VA_11_Hall_A_Cyberpunk_Bartender_Action, 8.3		2415	124	6785	

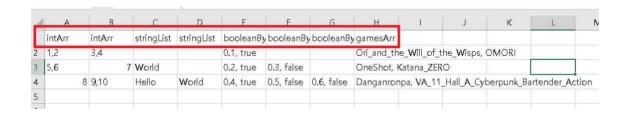
3. Rules

Arrays, lists, and dictionaries separate values with commas(,). At this time, it can be inconvenient to put all values in one cell.

To this end, we made it possible to put data into two or more cells consecutively.

The two pictures below both load the same values





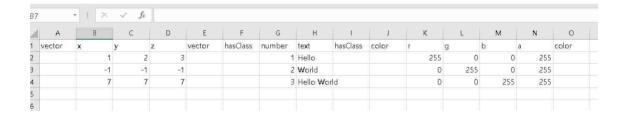
Nested classes put field names at the beginning and end. And in the meantime fill out the fields inside the class.

In case of a Vector3 type variable, first input the variable name, vector. And write the fields x, y, z of Vector3. And finally, write the variable name again.

The pictures below show examples of some classes.

```
[Serializable]
참조 1개
Eclass HasClass
{
    [SerializeField] int number;
    [SerializeField] string text;
}

[Serializable]
참조 2개
Eclass BlogTest
{
    [SerializeField] Vector3 vector;
    [SerializeField] HasClass hasClass;
    [SerializeField] Color color;
}
```



load result

