2D Arrays

Key Concepts

How to create a 2D array

```
Button[ , ] arrayName = new Button[20,20];
```

How to reference a 2D array

```
arrayName[1,3] = new Button();
```

Use loops to fill an array:

```
int[ , ] intArray = new int[20,20];

for (int i = 0; i < 20; i++)
{
    for (int j = 0; j < 20; j++)
    {
        intArray[i,j] = 0;
    }
}
```

Search: C# Multidimensional Arrays