**Array Exercise 2 – Flocking and Arrays**

Let’s look at some examples of using arrays in our flocking algorithms.

Try utilizing the following code in your flocking algorithms.

Make a copy of your flocking project and try implementing the following code:

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| Image[] myImageArray = new Image[10]; |

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| myImageArray[0] = testImage1;  myImageArray[1] = testImage2;  myImageArray[2] = testImage3;  myImageArray[3] = testImage4;  myImageArray[4] = testImage5;  myImageArray[5] = testImage6;  myImageArray[6] = testImage7;  myImageArray[7] = testImage8;  myImageArray[8] = testImage9;  myImageArray[9] = testImage10; |

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| --- |
| Utils.Move\_Lock\_To\_Grid( myImageArray[0],  TestGrid,  (10 / (double)number.Next(1, 20)) + 2,  ref testFlag1X, ref testFlag1Y);  for (int loop = 1; loop < myImageArray.Length; loop++)  {  Utils.Basic\_Follow( myImageArray[loop],  myImageArray[0],  (10 / (double)number.Next(1,21)) + 1);  } |

You can add more images to the array as needed……………..