Larry Hurley

Array Review Questions

1. Is each of the following a valid or invalid array definition? (If a definition is invalid, explain

why) Try to answer first before using Visual Studio - then check your answers using Visual

Studio to see if you understand why something worked or didn’t

int[] numbers = new int[10] { 0, 0, 1, 0, 0, 1, 0, 0, 1, 1 };

int[] matrix = new int[5] { 1, 2, 3, 4, 5, 6, 7 };

double[] radii = new double[10] (3.2, 4.7};

int[] table = new int[7] { 2, , , 27, , 45, 39 };

char[] codes = { 'A', 'X', '1', '2', 's' };

int[] blanks;

int[] collection = new int[-20];

int[] hours = new int[3] 8, 12, 16;

Given the following code what output would you expect?

int[] values = {2, 6, 10, 14};

Console.WriteLine(values[2]);

Console.WriteLine(++values[0]);

Console.WriteLine(++values[0]);

int x = 2;

Console.WriteLine(values[++x]);

Console.WriteLine(values[4]);