CASE PROGRAM – ARRAYS

import case.lang.System

namespace HelloWorld {

//String->Object->Main is a type constructor

String->Object->Main

#public class Program

[public Program(String [] args)

System.out.println(@texts:“Hello World”)

//**Ellipses**

<array[5]> myArray = {1, 2, 3, 4, 5}

//>>myArray[1..3]

//[1, 2, 3]

<array[5]> myArray2 = { a, b, c, d, 1, 3, 2 }

//>>myArray2[1...5]

//[a,b,c,d,1]

**Storing code in an Array**

[ for int i=0;i<size;i++;print i]=myLoopArray

[myLoopArray]

>>1

>>2

>>3

>>4

>>5

>>6

**//Multidimensional Arrays**

Array: <int []> myArray = new <[]>; //Always use the data type and //brackets

Matrix: int <[][]> myArray = new <[][]>;

//Multi-dimensional arrays allocate their own memory by need.

//Oblong Array:

<int [5][]> myArray = new <int[5][]>;

//Two ways to initialize this.

//First:

for (int myCounter:myArray)

{ myCounter[] = new int[] }

//Second:

myArray = new <int[5][5]>

//Accessing Oblong Array:

myArray[x][y]

//Accessing 2-dimensional Array:

myArray[1][3];

//Accessing 3—dimensional Array:

myArray[0][1][8]

//You can use as many dimensions as you like.

}

]

#end class

}