CASE PROGRAM – ENUM

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”)

Print sizeOf(“Size of args structure” + sizeof(args))

]

Instantiate class using new keyword

[ Program MainProgram = new Program() ]

}

String->Array->Float //type class is a nested type- an array of floats

#public class

**Cross-Typing**

Int k = 5.0f

This allows a person to assign a value dynamnically by assigning a value, such as a float, to another type. The type declared remains the type of the variable, such as int, despite the fact it is holding a float.

[Cross-Type()

Integer k = 5.0f

Object m = “Test”

]

[public void TypeBrackets()

**Type Brackets**

Whenever you see the angle brackets you know you are referring to a type.

<ArrayList><ArrayList> myDoubleList = new <ArrayList><ArrayList>

<T> myFunction = new <T>

HashMap <String, String>

<T> templateReturn = new <ArrayList<ArrayList>>

<Collections><T> collectiontemplate = new <Collections<T>

]

//Also Type Generics

//the placeholder var allows for a type – any type

[public <var>myGenericFunction()

genericaction()

]