**ASSIGNMENT 4 10 Points CIS 113OL**

**In EVERY file (except graphics files) submitted you MUST place these comments:**

Your Full Name

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CIS113

Assignment#:

Date

**Module Question**

Please write a module named “HelloRuby” and create a function “say\_hello” that prints “Hello Programming Ruby..”

**Mixin Question**

Create a class “ModuleClass”

Include the module “HelloRuby” in this class.

Invoke the method “say\_hello” from this class.

1. **Inheritance Question**

module M

def report

puts “This is report method of module M”

end

end

class C

include M

end

class D < C

end

obj = D.new

obj.report

Here, the instance method “report” is defined in Module M, Module M is mixed into class C. Class D is a subclass of C and “obj” is an instance of class D.

From the above method, please identify if you can invoke the “report” method and show the output of this method.

1. **Inheritance Question**

module M

def report

puts “This is report method of module M”

end

end

module N

def report

puts “This is report method of module N”

end

end

class C

include M

include N

end

what does the instance of this class do when you send it the “report” message and it walks the lookup path as described below.

c = C.new

c.report