**Quiz 3**

1. Write if/else ruby statement in only one line

puts "enter number"

num = get.to\_i

if (num==25)

then

puts "hello world"

else

puts "good morning"

2. Ruby program that calculatesthe sum of all the numbers between 0 and 100 that are divisible by both 3 and 5?

sum = 0

for i in 0..100

if(i%3==0 and i%5==0)

puts i

sum+=1

end

end

print "the sum of the number is :", sum

3. Write a Ruby program to convert user input to upper, lower and capital letters

string = gets.to\_s

puts string.upcase

puts string.downcase

puts string.capitalize

4. File Operations with Ruby

write your own ruby program that

creates a file and writes some text into it, then closes it,

open the same file, and print all lines inside that file,

then, delete that file

5. write your own Ruby program that converts a array to yml and loads the yml output and print array using:

load()

dump()

require 'yaml'

array = ["hi","hello","world"]

convert = YAML.dump(array)

puts convert

6. Write a Ruby program that converts a array into json, now parse your json looking for a specific array element

require 'json'

array = ["hi","hello","world"]

jarray = array.to\_json

puts jarray

JSON.parse(jarray).each{|name|

if name == "hi"

puts "good morning"

end

if name=="hello"

puts "good night"

end

}

7. Write a Ruby program to generate json using  pretty

array = ["hi","hello","world"]

puts JSON.pretty\_generate(array)

8. Write a Ruby program that connects to MySQL Database in your pc and executes a select query