**Quiz 3**

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

if 5<10 then puts “Yes” else puts “No” end

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

#!/usr/bin/ruby

Result=0

For I in 0..100

If i%3==0 && i%5==0

Result +=i

Puts result

end

end

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

#!/usr/bin/ruby

Puts “enter a string”

Str = gets.to\_s

Str.upcase

Puts str. Upcase

Str.downcase

Puts str. Downcase

Str.capitalize

Puts str.capitalize

gets

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

#!/usr/bin/ruby

fname = "satish"

nfile = File.open(fname, "w")

nfile.puts "hi"

nfile.close

gets

file = File.open("satish", "r")

contents = file.read

puts contents

puts “ delete file"

File.delete(fname)

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","pandu","ram"]

name = YAML.dump(array)

name2 = YAML.load(array)

puts name

puts name2

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

7. Write a Ruby program to generate json using  pretty

array = ["pandu","venky","ramu"]

puts JSON.pretty\_generate(array)

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