Quiz2 teja

1. Ruby program when that accepts a date in a month and prints it out the appropriate

suffix. For example, for 1 as input, print 1st, 2 as input 2nd, 3 as input 3rd etc

time = Time.new

Fri Oct 03 01:24:48 +0100 2008

time.strftime("%a %b #{time.day.ordinalize}")

"Fri Oct 3rd

2. Write your own ruby program using a case statement

x=1

if x > 2

puts "x is greater than 2"

elsif x <= 2 and x!=0

puts "x is 1"

else

puts "I can't guess the number"

end

3. Ruby Program that iterates numbers with upto loop

i=0

loop do

i+=1

print "#{i} "

break if i==10

end

4. Write a Ruby program to print numbers from 1 to 50 and also in reverse order

for i in i..50

puts i

if (i == 50)

a =i

while a>0

puts a

a = a-1

end

end

end

gets

5. Write your own Ruby program using loops and iterators. Explain the difference

between loops, iterators and blocks

6. Write a Ruby program that loops through a array and checks if a pattern exists in the

array elements

def array

array = [ "hi","hello","how","are","you" ]

puts "Enter a pattern to check in the array"

end

array.include?("are")

true

7. Write your own Ruby program using a Hash that loops through :

Print all Values while looping with Keys

Print all Keys while looping through Values

Print Keys, Values as pair.

8. Write a Ruby program that takes number as input and recursively calculates the

power of 2 until the calculated number is less than 10000 and prints the maximum power

for that number.

9. Ruby program to convert Celsius temperature to Fahrenheit

#!/usr/bin/env ruby

def celsius(c)

puts "Converting celsius to fahrenheit"

puts ( c \* ( 9.0 / 5.0 )) + 32

end

10. Write a program to create a Calculator class with add(), substract(), multiply() and

divide(), then take two numbers and choice of operation from user and display output

using objects