**Quiz 3**

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

Answer:

puts "enter a number"

num=gets.to\_i

puts name= ('umar' if num==1 )|| ( 'baba' if num==2) || 'sheik'

gets

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

Answer:

sum=0

for i in 1..100

if i%3==0 && i%5==0

puts i

sum=sum+i

end

end

puts "The sum of the numbers divided by both 3 and 5 is #{sum}"

gets

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

puts "Enter a string"

name=gets

cap=name.upcase

puts "The given string in capital letters #{cap}"

low=name.downcase

puts "The given string in lower case is #{low}"

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

file1=File.new('umar.txt','w')

file1.puts("Hello!")

file1.puts("How are you doing?")

file1.close

file1=File.open('umar.txt','r')

x=file1.read()

puts x

file1.close

file1=File.delete('umar.txt')

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

load()

dump()

Answer:

require ‘yaml’

array=[“umar”,”sheik”,”1234”]

puts array.to\_yaml

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

Answer:

require ‘json’

array=[“umar”,”sheik”,”1234”]

array.to\_json

JSON.pretty\_generate(array)

7. Write a Ruby program to generate json using  pretty

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