***﻿ Assignment No: 5***

***Title: Sinatra application for fibonacci sequence***

***Roll No:30***

require 'sinatra'

get '/fibo' do

n = params[:n]

f = fib(n.to\_i)

return "Fibo = #{f}"

end

def fib(n)

i=2

a=0

b=1

while i<n

c = a+b

a = b

b = c

i = i + 1

end

return c

end

/output

~$ cd wad

~/wad$ cd hello

~/wad/hello$ ruby fibo.rb

[2017-04-21 08:15:46] INFO WEBrick 1.3.1

[2017-04-21 08:15:46] INFO ruby 2.1.5 (2014-11-13) [x86\_64-linux-gnu]

== Sinatra (v1.4.8) has taken the stage on 4567 for development with backup from WEBrick

[2017-04-21 08:15:46] INFO WEBrick::HTTPServer#start: pid=2594 port=4567

^C== Sinatra has ended his set (crowd applauds)

[2017-04-21 08:15:50] INFO going to shutdown ...

[2017-04-21 08:15:50] INFO WEBrick::HTTPServer#start done.

~/wad/hello$ git init

Reinitialized existing Git repository in /home/yogi/wad/hello/.git/

:~/wad/hello$ git add .

:~/wad/hello$ git commit -m "Initial commit"