

IS305 Progress Report

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Module 4 Progress Report

Description of Progress Since Last Report

I have started learning Ruby. I got it downloaded on my computer and working in VSCode which did take some time as VSCode had problems recognizing my download. I made a test script that uses variables, puts, if statements, and loops. This is mostly to figure out the basics of the language I am next going to look into how functions are made then diving into the exacts for my project. Below is a screenshot of my basics.rb code which is linked in my GitHub repo which I have been using to play around with the basics of ruby.

```
num = 3 ** 2
string = "Test Words"
puts string
puts string.length * num
puts string.upcase
puts string.downcase

if num > 5
  puts "Big Number"
else
  puts "Small Number"
end

i = 0
while i < 5 do
  puts i
  i += 1
end

puts "counter is #{i}"

until i < 0 do
  puts i
  i = i - 2
end

puts "counter is #{i}"
```

For the actual project, I have only outlined what functions I will need to make, the parameters they will require, and what the functions will return. The first three functions I know I can do as from what little looking into the exact code I have done so far I know are already commands but convert to plain text and make form fillable I am less sure but I think the functions I have outlined will work but I may need to look into it more. I plan to have at least the first three functions done by the next progress report. Below is the outline that I have for my project.rb file in the GitHub repo.

```
#PDF Multitool Project File

#Functions
=begin
split(file, page_number)
  splits the pdf file at the page number
  return newfile1, newfile2

join(file1, file2)
  adds file2 to the end of file1
  return newfile

chunk (file, pagenumber1, pagenumber2)
  makes a series of pages a seperate file in the range of pagenumber1 to pagenumber2
  return newfile

convert_To_Plain_Text(file)
  makes a newfile with the text of the pdf file
  return newfile

make_Form_Fillable(file, pagenumber, coordx, coordy, size)
  makes a form fillable box starting at coordx, coordy on pagenumber of file and is size large
  return newfile
=end
```

Github Link to Scripts

<https://github.com/BenBrownstein/IS305-Ruby-Automation>