Programming Project #6
CpSc 8270: Language Translation
Computer Science Division, Clemson University
Interpreting Spaceless (aka sPyceless) Python: Phase II
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Due Date:

In order to receive 90% of the credit for this assignment, your submission must be submitted, using the web handin command, by 8 AM, Tuesday, November 25st of 2014. If you are unable to complete the project by the due date, you may submit by 8 AM, Monday, December 1st of 2014, to receive 75% of the grade.

Project Specification:

Your project is to complete the construction of an interpreter for spaceless Python using the grammar, or a slightly modified form of the grammar that was provided. For this final phase, you should implement all constructs described in the original grammar, and you should provide an implementation of recursion so that your spaceless python interpreter computes factorial for one of the following programs:

```
def fact(n):
  if n == 0 or n == 1:
    return 1
  else:
    return n * fact(n-1)
end

def main(n):
  print fact(5)
end
```

```
def fact(n):
  if n == 0 or n == 1:
    return 1
  else:
    return n * fact(n-1)
end

print fact(5)
```