CSCE 330 Fall 2005

HOMEWORK 5

Assigned Friday, 05-09-30. Due Monday, 05-10-07

Give the denotational semantics of the following program. Assume that the input stream contains exactly one integer, z. Explain your answer in a way similar to what was done in class and in the `denot2.pdf` example on the web site.

```
read(n)
i := 1;
sum := 0;
while (i < n) do
  begin
    sum := sum+i;
    i := i+1;
  end;
write(sum);
```