**ASSIGNMENT 13.3**

PROBLEM STATEMENT

Find square root of number using Babylonian method.

1 Start with an arbitrary positive start value x (the closer to the

root, the better).

2 Initialize y = 1.

3. Do following until desired approximation is achieved.

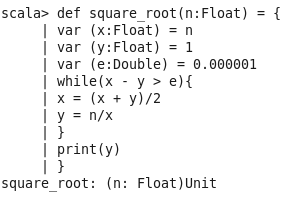
a) Get the next approximation for root using average of x and y

b) Set y = n/x

Solution:

Step 1:

Execute the program of square root of a number in Babylonian method using scala



Step 2:

Output of the program:

