Session 13

Assignment 3 Questions

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1. Introduction

This assignment will help you to consolidate the concepts learnt in the session.

2. 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

3. Output
N/A