Algorithm: Addition of floating point numbers

- Read x1, e1, x2 and e2
- Set k = | e1-e2 |
- If (e1>e2) then
  x2 = x2/(10^k)
  e = e1
- else
  x1 = x1/(10^k)
  e = e2
- End if
- Set x = x1 +x2
- If (x >= 1.0) then
  x = x/10
  e = e+1
  End if
- If (e>99) then
  Print ("Overflow")
  STOP
  End if
- Print(x, e)

  END

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