Assignment 9
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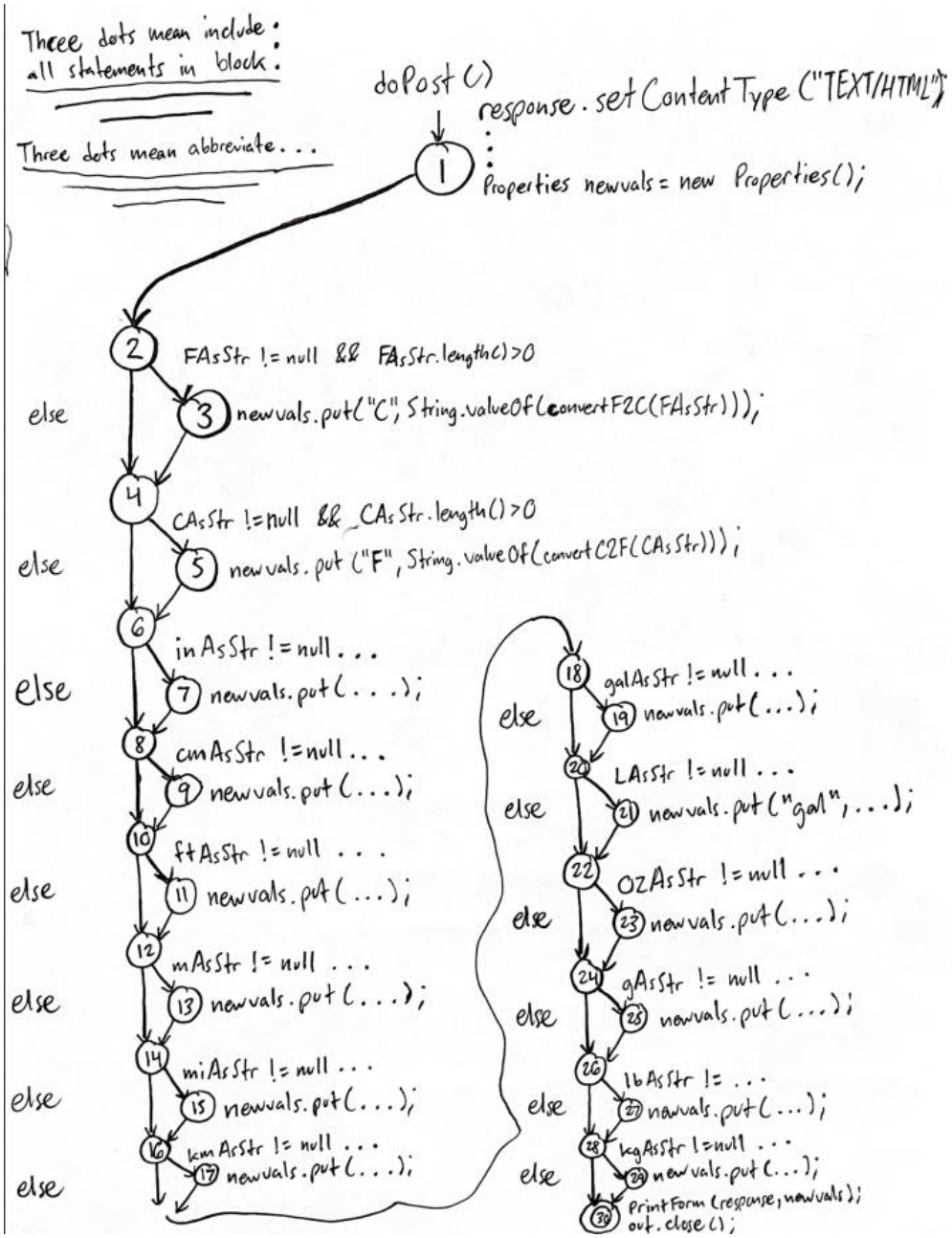
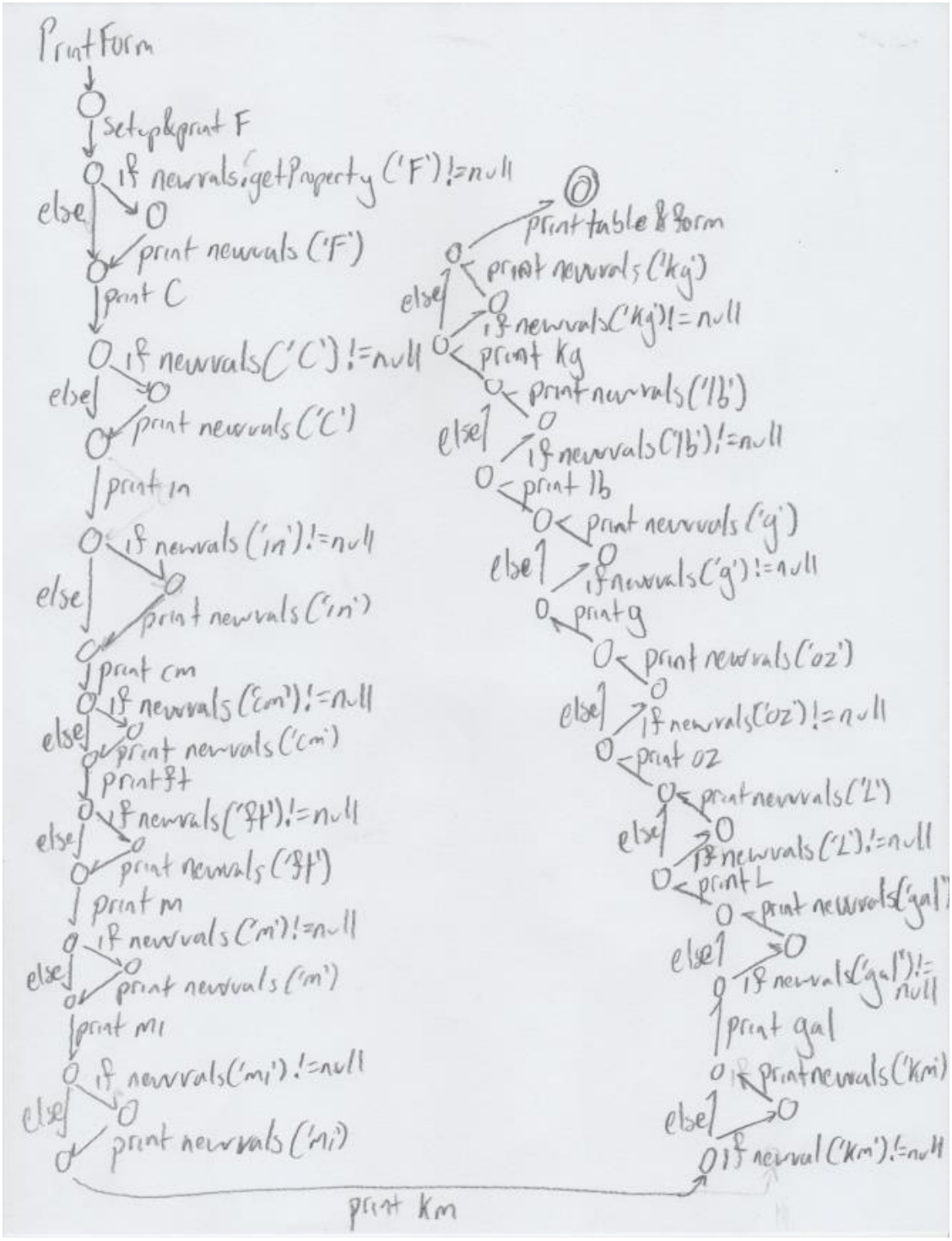
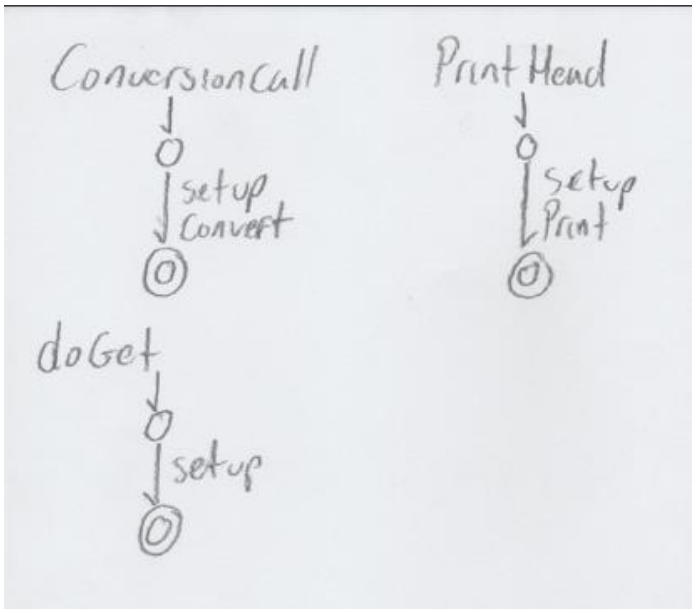
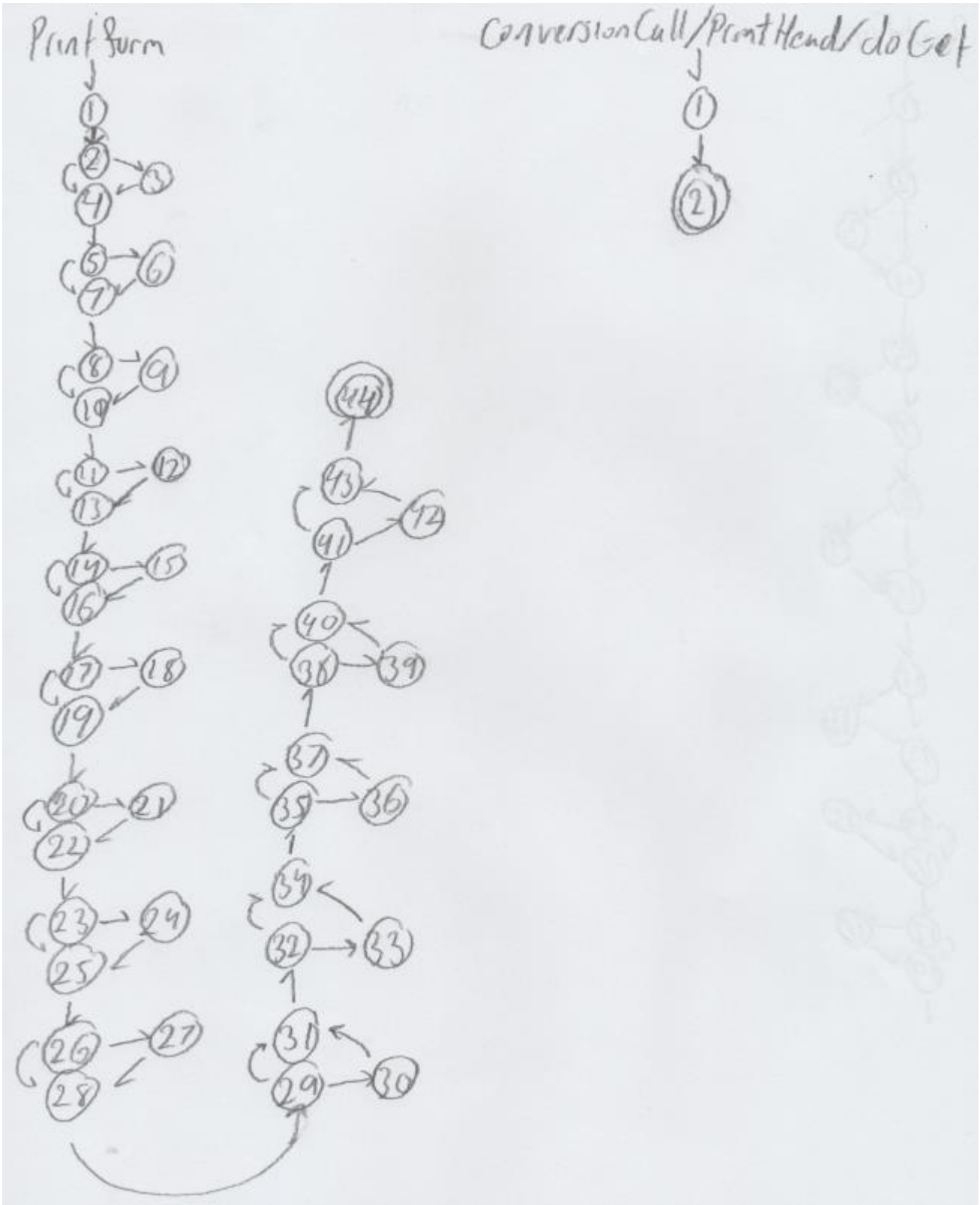
a)



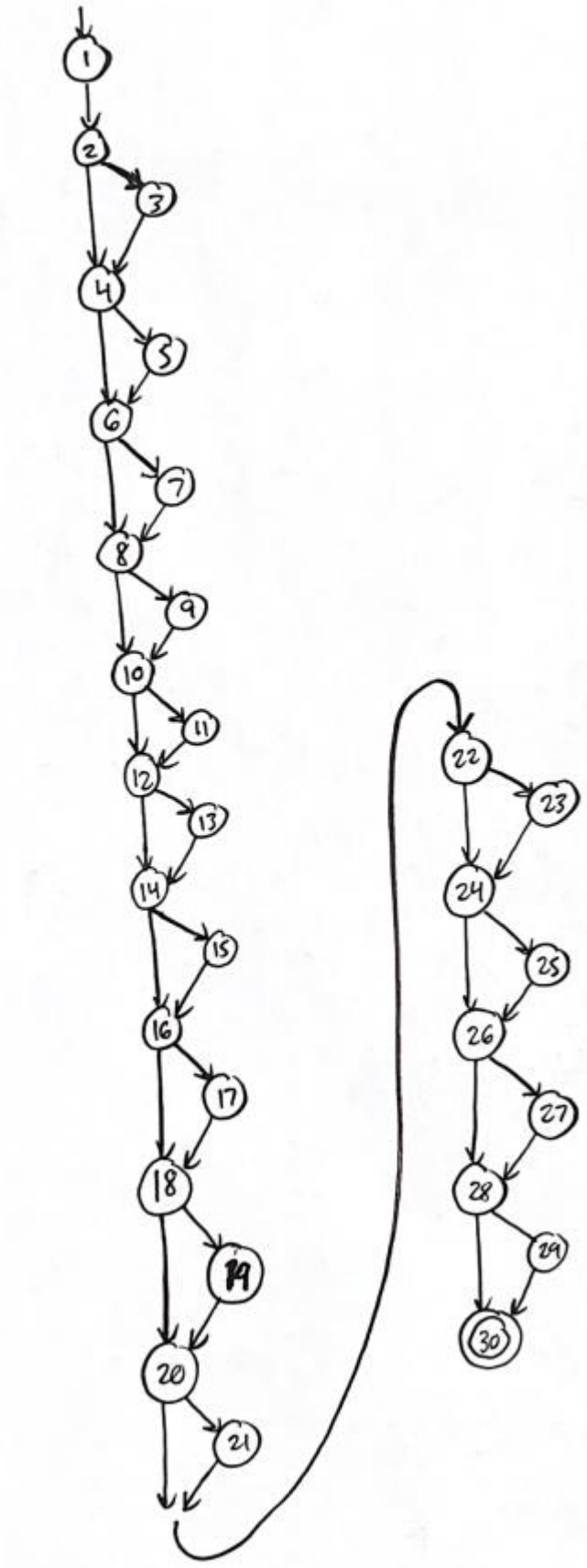

PrintForm
setupPkgprint F
if newvals.getProperty('F')!=null
else
print newvals('F')
print C
if newvals('C')!=null
else
print newvals('C')
print in
if newvals('in')!=null
else
print newvals('in')
print cm
if newvals('cm')!=null
else
print newvals('cm')
print ft
if newvals('ft')!=null
else
print newvals('ft')
print m
if newvals('m')!=null
else
print newvals('m')
print mi
if newvals('mi')!=null
else
print newvals('mi')
print table & form
print newvals('kg')
if newvals('kg')!=null
print kg
print newvals('lb')
if newvals('lb')!=null
print lb
print newvals('g')
if newvals('g')!=null
print g
print newvals('oz')
if newvals('oz')!=null
print oz
print newvals('L')
if newvals('L')!=null
print L
print newvals('gal')
if newvals('gal')!=null
print gal
print newvals('km')
if newval('km')!=null
print km


ConversionCall
setup
Convert
PrintHead
setup
Print
doGet
setup

b)



doPost()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(Question 1C)

1. [1,2,3]
2. [1,2,4]
3. [2,3,4]
4. [2,4,5]
5. [2,4,6]
6. [3,4,5]
7. [3,4,6]
8. [4,5,6]
9. [4,6,7]
10. [4,6,8]
11. [5,6,7]
12. [5,6,8]
13. [6,7,8]
14. [6,8,9]
15. [6,8,10]
16. [7,8,9]
17. [7,8,10]
18. [8,9,10]
19. [8,10,11]
20. [8,10,12]
21. [9,10,11]
22. [9,10,12]
23. [10,11,12]
24. [10,12,13]
25. [10,12,14]
26. [11,12,13]
27. [11,12,14]
28. [12,13,14]
29. [12,14,15]
30. [12,14,16]
31. [13,14,15]
32. [13,14,16]
33. [14,15,16]
34. [14,16,17]
35. [14,16,18]
36. [15,16,17]
37. [15,16,18]
38. [16,17,18]
39. [16,18,19]
40. [16,18,20]
41. [17,18,19]
42. [17,18,20]
43. [18,19,20]
44. [18,20,21]
45. [18,20,22]
46. [19,20,21]
47. [19,20,22]

48. [20,21,22]
49. [20,22,23]
50. [20,22,24]
51. [21,22,23]
52. [21,22,24]
53. [22,23,24]
54. [22,24,25]
55. [22,24,26]
56. [23,24,25]
57. [23,24,26]
58. [24,25,26]
59. [24,26,27]
60. [24,26,28]
61. [25,26,27]
62. [25,26,28]
63. [26,27,28]
64. [26,28,29]
65. [26,28,30]
66. [27,28,29]
67. [27,28,30]
68. [28,29,30]

(Question 1D)

1. [1,2,3,4,6,8,9,10,12,14,15,16,18,20,21,22,24,26,27,28,30]
2. [1,2,4,6,7,8,10,12,13,14,16,18,19,20,22,24,25,26,28,30]
3. [1,2,4,5,6,8,10,11,12,14,16,17,18,20,22,23,24,26,28,29,30]
4. [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30]

(Question 1E)
Test inputs

1.
   FAsStr = 50
   CAsStr = null
   inAsStr = null
   cmAsStr = 2.54
   ftAsStr = null
   mAsStr = null
   miAsStr = 1
   kmAsStr = null
   galAsStr = null
   LAsStr = 3
   ozAsStr = null
   gAsStr = null
   lbAsStr = 4
   kgAsStr = null

2.

FAsStr = null
CAsStr = null
inAsStr = 10
cmAsStr = null
ftAsStr = null
mAsStr = null
miAsStr = 0.6214
kmAsStr = null
galAsStr = null
LAsStr = 12
ozAsStr = null
gAsStr = null
lbAsStr = 9
kgAsStr = null

3.

FAsStr = null
CAsStr = 3
inAsStr = null
cmAsStr = null
ftAsStr = 5
mAsStr = null
miAsStr = null
kmAsStr = 2
galAsStr = null
LAsStr = null
ozAsStr = 16
gAsStr = null
lbAsStr = null
kgAsStr = 3

4.

FSsStr = 1
CSsStr = -17.22
inAsStr = 1
cmAsStr = 0.39
ftAsStr = 3.28
mAsStr = 1
miAsStr = 0.62
kmAsStr = 1
galAsStr = 0.26
LAsStr = 1
ozAsStr = 1
gAsStr = 28.35
lbAsStr = 1
kgAsStr = 0.45

(Question 1F)
Desired outputs (oracle)

1.

FAsStr = null
CAsStr = 10.0
inAsStr = 1
cmAsStr = null
ftAsStr = null
mAsStr = null
miAsStr = null
kmAsStr = 1.61
galAsStr = 0.79
LAsStr = null
ozAsStr = null
gAsStr = null
lbAsStr = null
kgAsStr = 1.81

2.

FAsStr = null
CAsStr = null
inAsStr = null
cmAsStr = 25.4
ftAsStr = null
mAsStr = null
miAsStr = null
kmAsStr = 1
galAsStr = 3.17
LAsStr = null
ozAsStr = null
gAsStr = null
lbAsStr = null
kgAsStr = 4.08

3.

FAsStr = 37.4
CAsStr = null
inAsStr = null
cmAsStr = null
ftAsStr = null
mAsStr = 1.52
miAsStr = 1.24
kmAsStr = null
galAsStr = null
LAsStr = null
ozAsStr = null
gAsStr = 453.59
lbAsStr = 6.61

kgAsStr = null

4.

FSsStr = 1
CSsStr = -17.22
inAsStr = 1
cmAsStr = 0.39
ftAsStr = 3.28
mAsStr = 1
miAsStr = 0.62
kmAsStr = 1
galAsStr = 0.26
LAsStr = 1
ozAsStr = 1
gAsStr = 28.35
lbAsStr = 1
kgAsStr = 0.45