## ./Programming Fundamentals using Python - Part 01/Assignment Set - 02/Assignment on iteration

```
2: Write a python program to solve a classic ancient Chinese puzzle.
   4: We count 35 heads and 94 legs among the chickens and rabbits in a farm.
   5: How many rabbits and how many chickens do we have?
   8: | Sample Input
                         Expected Output
   9:
  16:
  17:
  18: def solve(heads, legs):
  19:
       error_msg = "No solution"
  20:
       rabbit_count = (legs - (2 * heads))/2
chicken_count = heads - rabbit_count
if rabbit_count >= 0 and chicken_count >= 0 and rabbit_count == int(rabbit_count) and chicken_count == int(chicken_c
  21:
  22:
  23:
ount):
            print(int(chicken_count), int(rabbit_count))
  25:
  26:
          print(error_msg)
  27:
  28:
  29: solve(38, 131)
```