

Code Style/Quality, Activity #1

Consider the following solutions for the assignment from the fall
Func G1

<https://www.cs.uni.edu/~schafer/cohort23/FOP/lessons/Unit2/w9/GP/index.html>

Discuss with your table

- Which one(s) do you find readable? Why?
- Which one(s) do you find challenging? Why?

```
#===== Solution 1
import math

def infieldArea(straightaway, radius):
    import math

    circular_area = math.pi * math.pow(radius, 2)

    straightaway_area = straightaway * (radius * 2)

    infield_area = circular_area + straightaway_area

    print(infield_area)

    return infield_area

#===== Solution 2
import math
def infieldArea(length, radius):
    return((length * 2 * radius)+ (math.pi*radius**2))

#===== Solution 3
def infieldArea(length, radius):
    rectPart = length*(radius*2)
    circlePart = float(math.pi*(radius**2))

    totalArea = (rectPart+circlePart)
    return totalArea

#===== Solution 4
def infieldArea(l, r):
    pi=3.1415926
    l=l*2*r
    r = pi*r**2
    infieldArea=l+r
    return infieldArea
```