Ans to qr 3

$$SIX \text{ of } C = \frac{NMO \times DIT}{NMO + NMA + NMI}$$

$$= \frac{2 \times 2}{2 + 1 + 2} = 0.8$$

Ans to qr 1

Codesmells that may have caught attention of Mita's boss : ① comments ② duplicated code ex: double_pi = 3.14 is used many times. Code should be understandable without comments. ③ Long method : many methods are unnecessarily long here

Hence code smells : comments, duplicated code, long methods.

Ans. to Qr 2

Refactor:

```
Public class Calculator {

    Public double pi = 3·14    [this can be accessed
                                by others)
                               [remove duplicates]

    Public calculate Circle Perimeter (r) {  (form
                                             template
                                             method)
        return 2 * pi * r  }        → Rename
                                      method

    Public Sphere_Area_Calculate (r) {
        return 4 * pi * r * r )  }  → reduce
                                       redundant lines

    Public calc_surface_of_cylinder {
        return (2 * pi -- ) }

    Public Calculate_Surface_Area_of_
          cone (Parameter_object) {
        return pi * obj(r * obj(s)r)

    }

Class Parameter Objects }
    set parameters }
```