Effort Estimation

t = Project Duration

B = Productivity Factor

P = Productivity Parameter

Let, B = 18, t = 6 and P = 500, LOC = 4000

So, Effort using conventional method = ()3 . () = ()3 . () = 7.1

COCOMO

SLOC = 4000,

Since it is organic so,

Coefficient = 2.4

P = 1.05

T = 0.38

Effort = PM (person month) = ()P = ()1.05 = 10.289 person months

DM (Development time) = 2.5(PM)T = 2.5(10.289)0.38 = 6.056 months

So, required number of people, ST = = = 1.7 ≈ 2 persons