

## Software Cost

Assessment of a software system shows that the system includes:

- 6 screens: 4 simple + 5 medium + 3 difficult
- 3 reports: 2 medium + 3 difficult
- Four 3GL components.

A) Assuming that productivity is very high (**25** object-point per person-month), compute the NOP and the estimated effort PM 'Person-months' needed to develop the system.

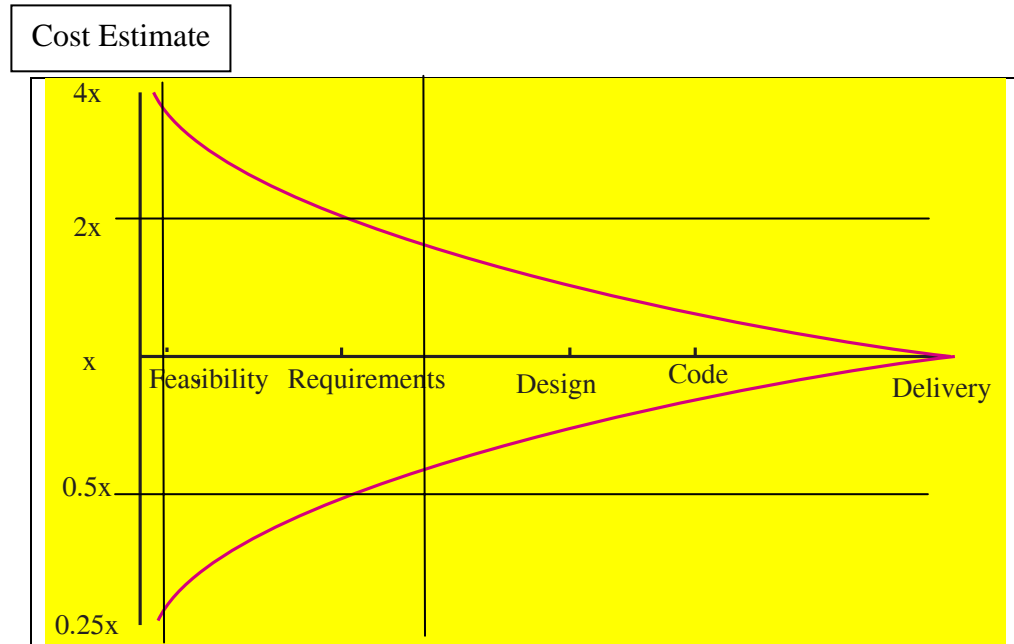
B) If 40 % of the objects could be supplied from previously developed components, compute the **Adjusted NOP and Adjusted effort**.

Hint: Use the following table in your estimation.

Object Type	Simple	Meduim	Difficult
Screen	1	2	3
Report	2	5	8
Each 3GL module	10	10	10

NOP	Effort PM	Adjusted NOP	Adjusted effort PM

- The figure below shows software cost estimate uncertainties as function of the development phase.



Measurements were carried out on a software system. The actual cost measured **at delivery** was found to be 10 Person-Month. Use the given figure to estimate the **maximum and minimum** system costs at:

- the requirements phase.
- the design phase.

Development phase	Minimum estimated cost	Maximum estimated cost
Requirements		
Design		