5) 
$$\frac{22}{45}$$
 3 4 6  $\frac{1}{4}$  88 4 5 7  $\frac{1}{4}$  10 15  $\frac{1}{4}$  3  $\frac{1}{4}$  10 15  $\frac{1}{4}$  10 16  $\frac{1}{4}$ 

FP = 318

(CAF) 
$$0 \rightarrow \infty$$
 influence

 $1 \rightarrow simple$ 
 $2 \rightarrow Moderate$ 
 $3 \rightarrow Average$ 

2) user input  $5 \times 3$ 
 $4 = 6 = 15$ 

user output  $5 \times 4 = 5 + 2 = 20$ 

user enquise  $6 \times 3 = 4 = 6 = 18$ 

user files  $5 \times 7 = 10 = 15 = 35$ 

interferce file  $5 \times 5 = 7 = 10 = 25$ 
 $113$ 

$$FP = Count Total * [0.65 + 0.01 * 25]$$

$$= 133 \times [0.65 + 0.01 * 25]$$

$$37 50 3 4 6 = 200$$
 $40 4 5 7 = 200$ 
 $35 3 4 6 = 140$ 
 $6 7 10 15 = 60$ 
 $4 5 7 10 = 28$ 

$$FP = Count ToTCOL * [0.65 + 0.0] * E(fi)]$$

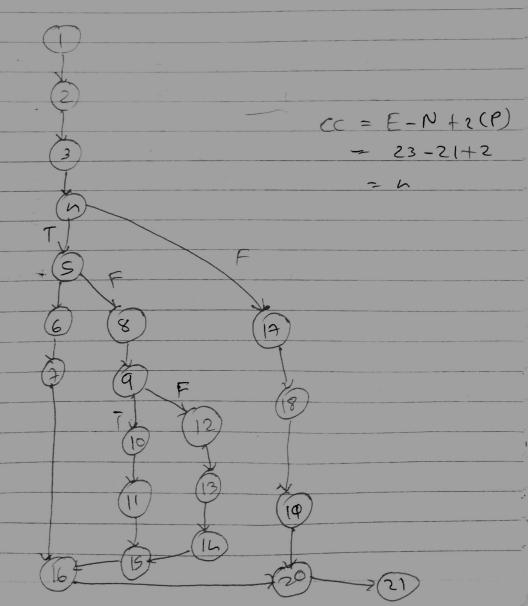
$$= 628 * [0.65 + 0.0] * 42]$$

= 671.96

# COCOMO model

	91	92	61	62
onganic	2.4	1.05	7.2	0.38
Semideferched		1.12	2.5	0.35
Embedied	3.6	1.20	2.5	0.32

3) CC



If Cyclomatic complex city! Ex: I void main() int i, j, K; DeadIn (i,j,K). if((ixj) 11 (izk)) { writeIn ( then point"); if (jKK) writeIn (" I less then k"); else write In () not less 15); Clse writeIn ('else port'); void main CC (Contition) int i,j, K = E-N+2+P CC = P+1 = 14-12 + 2+2 = 3+1seedIn CC = dose Region +1 (izi) = 3+1 = 4 (îxk) waiteln (j<K) waiteln

Ex!2 1=0 n=4 while (icn-1) do j = i + iwhile (jxn) do if A [i] < A (j) then swap CACIJ, ACIJ) end do; i = i + 1end do CC = EN+2P = 12=10+2 (j=j+,7)

# COCOMO Model I) KLOC = 300 - Semi effort = 3.0(300)1.12 pm = 1784 42 PM Tow = 2.5 (1984 L2).35 = 34,35 M P = effort - 1784.42 57 34.35 2) kloc = 30 Embedded e = 3.6 (30)1.2° PM = 213.23 PM 7/20 = 2.5 (213.23)0.32 - 13.90 M 514 M person' = effort = 213.23 = 1.5 13.90 embeddes 3) 30,000 lines semi 30 KLOC effort = 3.0 (30)1.12 Pm. e= 3.6 (30) = 135,36 PM Tiev = 25 (235.36) 0.32 = 213.23 = 13. (03 . Tdev = 0.3. 2.5(213.28) 9 14 M

= 13.90

\$14 M

5) Kloc = 0.9+0.7+0.9+ 2=4.5 18/00 - project type organic (0-so kloc) 4.5 K10C - Size 4-5 KlOC effort estimation e = alx (kloc) 92 PM = 24 x (4.5)1.05 = 12 13 PM Find Ttev Thev = by x (12.13)62 M = 2.5 × (12.13) 0.38 ~ 6,45 M person in teur p = eftent = 12.13 = 1.88 Toev 6.45 52 person Cost = 30,000 x 6,65 = 322500

4) screen edit e = a (KLOC)42 PM = 24 (4)(.05. = 10.29 PM Toev = 2.5 (10.29)0.38 = 6.66 M Command language effort = 2.4(2)1.05 pag = 4.97 PM Ther = 2.5 (4.97) 0.38 M = 4.60 M - Soreen Movement e = 2.4(3)1.05 pm = 7.61 PM Trev = 2.5 (7.61)0.78 = 5.41 m file input & output e = 2.9(1)1.03 pm = 2.4 pm Tdev - 2-5 (204)0.39 M = 3.'hg m