a terresidan	LOC Based Ectimation.
Si	se Oriented Metrico: OC -> Lines of Code.
1	OC -> Lines of Code.
	Ly Direct Approach de
	Direct Approach for measuring.
	Cost of Lines of Code = Cost
	Total Estimated project Effort = Estimated Lines of Code
	Average productivity.
-	
	1. Cost q Loc = Arg. Labour Cost
	Aug. Productivity.
	2. Total Estimated project Cost = Cost of LOCX Estimation
	8. Total Estimated project Effort = Total Estimation Aug. Productivity.
	Avg. Produckity.
E	
=	1. Use Potal in a Calad I hills
-6	1. User Interface a Corbool fallility 2,300 7 2- Two Dimensional geometric Analysis 5,300
	3. 3B georrana arabysis by 800
	H. Database Mgmt Experter 3,350
- 11	5. Computer graphics & Display Pacility 4950
-	6. Peripheral Control function 2,100
-	Design Arabysis model 8, 400 (+)
	Estimated Lines of Gode 33, 200
- 11	

-	The same of the sa	and the property of the control of t	The restriction of the control of th	and the control of the latter of the control of the	the could be provided in the court of the co	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF
	Avera	ge productivi	ty based on historice Es. 8000 pm. Find th	al data is Gal	broated a	and mint out
	and	effort.	C. 0000 pm. And In	1 / 5 4 6	p.	olog at
	Soln!					
to a country of the country of	Te	fal Estimohi	in of Loc = 33,	200		
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	L	Ebour rate	by - 620 Loc p	manth.	property and the second	-
and the second of the second				grand at		Management of bullet agency of the first particular and the second of th
-		Cost & Lo	C = Arg. Labour			
and the second s			Aug. por	odue histy		have a national from any local distribution being a contract and a super-
-			2 8000			
			620	12.9 = X	. 13 .	mara manasan mahiji dani mara iyan sirinsi sirinsi sirinsi sirinsi da hakan mahifi da karan sa saka sa sa sa s
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		, (a)	ated paroject cost =			
18 1	1.30.	A.A	Lines & Milerals	13 x 33,		
	1		Total Estimation		aming liberary constitute and constitute of the second Post	
			Aug. Parduit		Ç)	and the second s
149	. Assert			•		
		93	$\frac{33,200}{620} = 53$	3.€ ≃ 5A	Descout.	and Anida
		and the later of the	0			
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	6	norder the	rogical ABC : with	Some Lunch	žos.	
	Function	003	Estimated Loc	X		
	A	028.3	2500	lest.	3. teril	the control of the co
	F2	13711	5600	1.5	The state of the s	The attention to the contract of the contract
	F3	01.15	6450			
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The second secon	Tour francisco		1.80	tradegican disciplicationalists and provide four contract of the strategical desired specific devices of the 3 may	who constitutes the consequence of the appellulation of the appellulatio	and the second s

- Barrie	and Avg. productivity is 500 Loc /pm and aug labor and and effort. Calculate the estimated project Cost
	is book per month and Loc pm and
and the same of	and effort. Calculate the estimated and labor and
_	projet Cost
	Function Oriented Melos:
	Types of FP Attribute products
	HQ. W
	" Dutputes (EO) 4 6
	Lajourines (EQ) A 5 7 Internal Till (C)
_	
_	External interlar file 1-15)
-	5 7 10.
-	
4	Scale Jable:
	0 - No isfluence
4	- Incidental
-	2 Moderate
$-\parallel$	3 - Average
\parallel	4 - Significant Feed 7:1
	- SSEOURI
	FP = Function Point, Upp - Unadjustable Function Paint.
#	CAMP = Complexity Adjustment factor.
	VAF = Value Adjustment factor.
1	FP = CAP X VAE TOUT
1	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
#	Ly Total Count
-	5(F) - C - N 11
-	E(Fi) = Sum of all 14 questionnames (i rays from 1 to 14)
#	Usually & (fi) value will be given.

```
Note: Protal Degroe & influence (0, 1, 2, 3, 4, 5)
        s(fi) ranges from 0 to 70 (ie)
    i) when 3(Fi) = 0 then VAF = 0.65
ii) when 3(Fi) = 70^{\frac{1.5 \times 14 = 70}{160}} then VAI = 1.35
1. Exi
  Consider the following FP Components & their Complexity. If the total degree quinfluence is 52, find the Estimated
  function polite
   Function type
                      Estimated Count Complexity
      ELF
      ILF
       EQ
                               22
       EO
                               16
                                              15
      E)
  Soln!
           FP = CFA X VAF
                = Total Court x [0.65 + (0.01 x £(fi)]
  Total Gurt = 2x6 + 4 x7 + 22 x6 + 16x15 + 24 x10
          - 12 + 28 + 132 + 240 + 240
    Total Count = 652 > CARF
                 0.65 + (0.01 x (2 fi))
           VAF = 0.65+(0.01 x 52)
             = 0.65 + 0.52
          VAF = 1.17
        FP = 652 x 1.17
               = 762.8 = 763 /
```

	Ku !
2	El Como the William of
	Given the Value, compute tunction point when all Complainty adjustment factor and weighting factors are average and E1 = 50 F0 = 40 It algor have been Counted.
	adjustment factor and weighting factors are average and
	14 algo have been Constal.
	ED - 25
	EQ = 35
	ILF E = 6
_	EIF = 4
	Soln:
	FP = CFP x (0.65 + (0.01x Z(Fi)).
	= Total Count
	102214 100
	Complexity adjustment sis average: . Scale = 3
	.: Total Court = 50 XH + HOX5 + 35 XH + 6x 10 + 4x7
	528.
	5(Fi) = 14 x 3 = 42 [There are 14 steps so multiply 3 with 14]
	5(Fi) = 14 x 3 = 42 [There are 14 steps so multiply 3 with 14].
	5 FP = 628 x (0.65 + (0.01 x 42))
	= 628 x 1.07
	571.9 = 672 //. 3
	012/1,
	en Compute Founda de la
	en! Compute FP value for a project with the following information domain characteristics
	Characterisus
	no g user 1/p = 24, Am: 759.
	$\frac{1}{\sqrt{1-\frac{1}{2}}} = \frac{1}{2}$
	Nor B 11
	Nor g thes = 12 Complex for Total court 1 external interfece = 4
	1 external interfece = 4
	Assume all complexity adjustment values are moderate & 14 Afgin have been counted.
el el	been counted.

i) Cost per FP = Average Labour Rate Average Productivity. FP Estimated ii) Total Estimated Project Cost = Got par FP x Potal Court. Total Estimated Project Effort = FP Estimated Arrenage Productivity. 1) Cost per FP = 8000 =\$1230. Potal Estimated Project Cost = 1230 x 375 = 18 461,000. Estimated Effort = 375 = 5.7.6 = 58 persons. Process Based Estimation Total Estimated project Cost = Effort x Labour Rote.