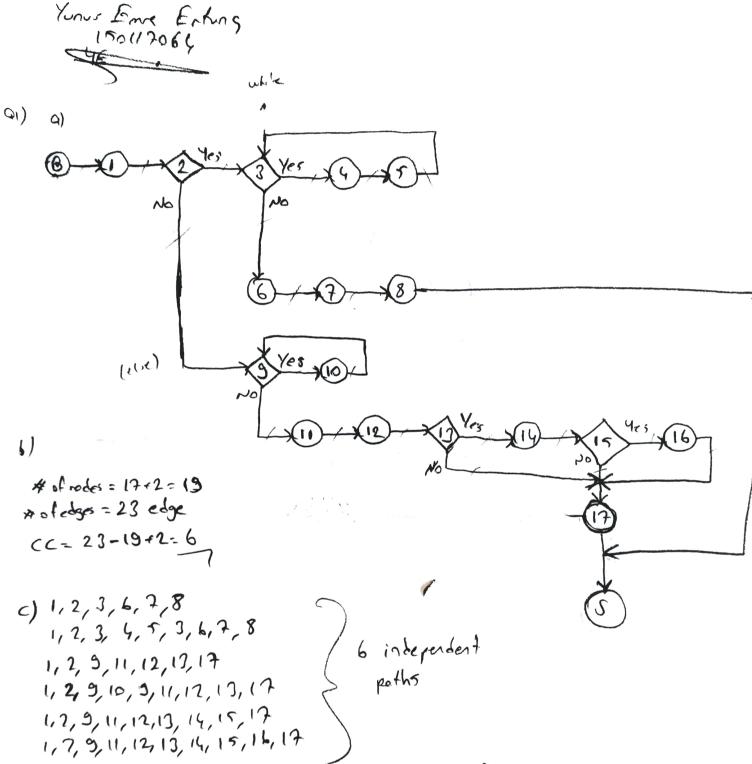
On my than I have neither given not received by woutherseld and be insperseptible sissistance for all resisions of this errors. The week done on this errors is betelly my own. I industed that by the school cody viables, all these principles will lead to some great and is subject to tersh disciple is surs.



d) i) statement coverge: 8/23

e) 1) 1)5.6= 9/17 2)6.c=19/23

2/6 (-8/23

INCHAN GOIDAS: Flaw Groph Structures? of the project and is medited by completely of the project. I confer the project to estimple LOC depinding on the except note of lec per RP for a given loginge. - Object Points (Application Points)? (switch eve) (For less statement) (while do loop) points when GRL's or similar long are used (bunile) Test uses: 1=-1,0,1,50,99,100,101 - object points we not some on object closies · real(i); statement course = 3/10 = 1/5 / other points are easier to estimate.

They can be estimated at a fairly early point in the development process. ·: (((i<0)11(i>100)) ()
-error(1; (1) poor Test 6095:5=1,1,10 - Erum = ; x=0; 0 -uhile(x<i) 0 -factors Affecting Productivity: ylaterent course = 10/10 = 3/100 bronch coverye = 14/14 = 1/100 · f x = x+1; D D D D Application domain engineer, process quality, project sise, 7echnology support, working convincent else sum = Dryri 3A print(Eum) 1 - Estimation Techniques: Algorithmic cost modelling, expert judgment, estimation by one legy, portained: Low, Pricing town Pricing To W! 1: The project costs whatever the customer has to upend on it. void insertion sort() { -) Ahuntge: You get the contract int int, u; int smallest; + Disadvertes: The probability that the cotoner ged the system he or the works is small- Costs to not 1-7-17 **4**;=2 D for (1=2; 1<=n;174) { occurably reflect the work regulard. V=a(i)ij=i; smollest=0; while (a[j-1]>Y 88.15 moltrat) & Topdown and Bottom up Estimation: 4時に4月17 Top down: stert at the system level and ossess the if (= 1)
smallest=1; areall tystem functionals of and how the is delivered through jul oyeters s Boltom you start at the comparent land and colom to the affort required for each comparent. Add these afforts to reach a firel colom to. 0(5)=V ep down: wishe withen knowledge of the igsten , CC= 12-10 12=4 Word Toposort() { attornetop: usel & when the webstraker is known. Black Box Specify inthe cokgonies:

Almonto of rodes in the graph

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Bliggs of specific areas Queue Q; int ctroo; Vertor V, W; Q= recte are (numberlet); (1) newny Town! othis approach may seen unothered and unburned-lecturer when detailed information is lacking it to de the only appropriate stating. (2) for each ventex V i f(in spree [v] = =0) enqueve (v, a); (3,4) while (lisemble) { 2. Divide Cotyonies into ECS algorithmic Cost Modeling'. V- dequeer (Q); form (V)= ++ch; (6) Cost is estimated as a nothern head duction if probably project and process attributes where solves are estimated by project rangers for each wadjocont to V A) 0,1,7,3,5,5,20,50,100,1000,1000 if (-- indepectu)==0) < nquerc (w, a) - (8,9) (lo cose) B)01,3,n,2/5,n2/2,3n3/4,n3-1,n2 or cost estimation is code six. : f(ctr]= Monvertex) reporterior ('graph coche')(1911) Clast connected, sporsely commeted, free Queros (12) densely connected, Rily cometal 10 \$ 10 \$ 4 \$ 5 istinction Accordi O) but, ring, show much on h would (5 ca (Scor) = 2000 N The size of a softwee ysters can only be known coureful when it is Anished. es AVC + runder of fundam pounds 42 Ax Size XM Dev= 3 x PM ,33+014 (B-171) = (Scale factors)+1,01 N=12-2=14 (BS) L= multipliers x ... F=13 depudent goths cc=19-14-2=7 1) 12 7 6 7 5 10 11 12 (23) independent Rollis 1/K +100 711234251012 3)12567597561112 (2,5) 1) 125 67 875 10 12 11 125 67 5 10 12 17 115 67 9 5 7 5 10 12 4)123425678375101112 (1,5,7 12725 1012

1521; va: Black box Testing. cose or how for the and will testing s The are represented characters has a specification and downed of stem Properties: Partability, Revolutify, Interoperability, Applies especially to interprete testing, recipility, Performing, Construct, System testing, acceptance testing, reliability, efficiency, Integration, Usability pomoin Radition. Ariture: herten kert: Stor of Catyony-Portsteen Mothod! In specify input contravers

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I should be the total and the total an -Notitation: building right product. Venification: building the product 1944. system derean : Set of all ight values - Equivolence doss : centon sot of impotvals - Principles of ow festing. 1. Specify laper odegonos: 1- Testing is process of executing a program with the intent of Andry a defect 2- A good test case is one that has a high probability of timbery defect.

2. A successful test is one that uncovers on as Equiplace Closes: A) Six of ones Q) Types of elunits Diminelact volve B) Postier of nox elevent > Each EC represents a central property of y sta c) max devent value P) Button of minderent The some menon 2. Divide Cotogores into EC's + Road on system's specification and experience/introduct of tester. A) Six of ony =) regotif, 0,1,3,101,10000 (6 coxs) yet drawed befect. (8) you of closute a lator, our integer (4000s) 4- Testing connect show absence of defeat. fifor terting proposes, one input from Oper on dryn =) love neg., -1, typical, 1, longeros (See each EC is enough, with sevond 5-Secosfill keoling shall be followed by a Olforition at maxima) start modely, and at offerd (4 core separte daysy place. input values from each EC (in predice) throughout Questions: Lumbur of exhoustive combinatory test cores? - Jorgan of Texting:

- Error: A mixed home octan made by declaper. - Dopen tounderici(2, >)

- Defed: A difference between the increment program; closed to nature (=, <, >) 1 * (* 4 * 5 * 5 * 6 * 4 = 500 00505 (tong) runat you shall dain cove the number of exhabitive ulite correct version. foilm: incorrect result of computation. combinatory test coses in inferrible et - The Colegory - portition method:

nel 1-1 specification of input colegone:

2-1 Division of colegonies into choices = EC

3-1 Test specification - use optimizing (coverade, Neders & atertains, - Foods of Tostey: VIX crylmen deline correct adend after EC by at (cost one test conclored - Full outernation of festing is impossible (4 reasons) extending (care each pornute in a test cose, in the set of pint, triplets) principles. 1-the total belowier of a project is undecidable a-frobbuse tity is intrestable 1-thocky of failures to errors is impossible. 4-we can never be sure totally tools works perfetly. of Generation of tent cases for the test -) (101, integer, -5620, 7101, 2,47) Medic (unt) Posty 7 (3, floor, 0, 100, 2, 1) asky Testin/au17estis. 1- Each independent unit tested separetaly 2-land: Force code 3-net for simulated execution and rement. Integration Posting: > Test By WR Feiths:) Toyet: geneties apolible of the UI. Parameters at apuration divided into EC. 1. Draw control flow grown of the wish Testing of all different combinetions executed testing of equations sequences (net indipendent) 2. Compte coclometre completely (ce) "big bog" all the modes total as outste. 3. Determine independent peths (IPS) How Many 705/5? 4. Decide on the coverage (shakement, bronch, condition > xx of and greatent) combination = Total milticendition, gooth) umber of sets. 5. Prepar feit coses regarded course the whole system paperher (performer, capacity...) -16, + 82 + ... EK Eis # ECter Software Cost Estimation parareter i. volume Testing, a non fundical test. Refors to testing settlere application with a certain arrent of late. White Box realing? Software cost components: Security testing: Determines that a government of protofiles in proceedings that a government of soften controller of source code and soft of source code and sold and training costs.

Sold and meintains functionably as intended. Details of source code analysed.

Touch deathely, Intendity, Authorities of Authorities Design of totages on the last of code structure. If there is not sold to the sold of code structure. Design of the corp on the sequence of property of flure Poising Foodons wilebility Non representation Perference Testing. Determines how a system performs antroctual terms, Repirements valobility, finaised 1/h a terms of resuperverers and stability under a & Control flow testing, bouch on the correction ordu of the statements. to Date flow totals took on the precess of Productify Meaner: Block Bor (Ructical) Tostig: interval defails of , file related measures bounder some atout from gother exchidder and connot be studied from which. I control (Kon) graph: obstraction of program's the software process. This may be unce out of program's debured review code. I contact flow in graph obstraction of program's debured review code. I function related measures based on an estimate while low (structural) Testing. Structure of software:

While low (structural) Testing. Structure of software:

Here where the structure of the structure the sathure process. This may be Unce of debraced rover code. of the functionality of the delivered rathering. Further points are the last known of this type remined in detent at the level of mynim call. scoverege: the relative around of shatments. Measurement Problems: Management of Terting: DEFINITING the AZEDETHE MOSSIVE. > Plan, execute, evolute, document, report. Gelometre Completely'. (cc) of a Abstinating the total number of programmen abstimating contractor production. Stendard for fatt. Test Documbation:
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isse specification, Test procedure repecification,
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