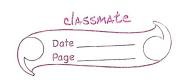
,	
	NAME-SUSNATO BARVA Dare-3/12/2
	ROLL NO- 1854044
,	SOFTWARE TESTING
	ASSIGNMENP.
4	Croup-Ain
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	Croup-B
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Also, cyclomatic complexity = No. of iteration statement + no. of selection statement +1

> No. of clecision statement = 50 No. of iteration statement = 40

.. minimum no of ten cases required = 40 +50+1

formal education that a person should have in order to be able to comparebly understand that do current.

Also fog inden is a metric that has been designed to measured the readability of a document and important feature required for external documents: In paper understandability his the category of wer for whom the document is designed and for achieving this flag inden is very useful.

a) Code Inspection-In this peode is exeamined for the presence of some common programming arrows.

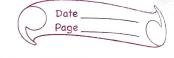
This is in contrast to the hand similation of code execution earnied out during code work walksthrough.

Some classical programming errors:-

> Incompatible assignments.

-> Indea out of bound etc.

s) Une of incorrect logical operator.



b) Code Walkthrough ?- & It is an internal code analysis technique. In this technique a module is taken up for review after the module has been coded, successfully compiled and all eynex errors have been eliminared. In this basically team mensbers select artain eases and simulate execution of the code by hand.

· The equivalence classes are as follows:

i) Occur 1 time ii) Occur 2 times iii) Occur 3 times iv) Occur 4

times () Occur 5 times vi) Occur 6 times vii) Occur 7 times viii) Occen 8 times

ix) Occur 9 himes x) Occur 10 himes xi) Occur 11 himes xii) Occer 12 times.

Viii) Occur 13 Hours viv) Occur 14 Hours vv) Occur 15 hours xvi) Occur 16

Mii) Decen 17 times priii) Decus 18 times xix) Ocean 19 times xx) Occan
20 times Now selecting i representation value from each aquivalence class, we get the required equivalence class test.

("g", "99999999999").}

Aus 3. Integration can be phased or incremental. De In incremental integration testing only one new module is added to the partial eystem each time whereas in phased a group of related modules an added to the partially integrated system. > phosed integration, respectfully less number of integration approach. it is easier to debug it a using Incremental festing rather than phased. A software product is normally tested by 3 livels or stages. i) Unit testing L) unit of program are tested. ii) Turegration testing. Les after turing all the unit individually, the units are gradualty integrated and tested after cach step of integration. iii) System testings-I finally the fully integrated system is tested.

Integration & system passing & known as the testing in large. · The basic difference of w top-down and bottom-up integration testing is that the top-down integration testing end-ordinated to the main function while in bottom

