

1.0)

Task / Weeka	1	2	3	4	2	6	7	8	9	10	11	17
Defining and Understanding the Problem												
A Planning and Design of Solution												
Implementation of Solution												
Testing of Solution												
Mountainance of Solution												

Gart Chart

. 1.6)

The data dictionaries will aid the programmers
in that they will describe the attributes
and purposes of the data variables used in
the programs organishms source code. This will
decrease production & time by helping the
programmers understand the existing system.
The test data can be used when testing
the new system (which will the composed on
make use of the dolp systems algorithms). This
will also decrease production time as a
significant portion of testing time is spent
creating test data that will suit an algorithm.



1.c.i)		Code	Line	total	gst_total	Transaction. amount	Transaction. 9st
		ı					
		2					
		3		G	4851		
		4		٥	0		
		5		O	G	22	2.
	(	6		٥	O	2 1	2
		7		11	0	22	2.
, r <b>&lt;</b>	)	જ		11	2	21	2
		9		2 2	1	3}	3
(		ma 6		22	2	<b>?</b> }	3
		7		55	2	)}	3
, 2 4		8		55	5	33	3
	/	9		55	5	11	1
		6		55	5	n	,
		7		66	٢	"	,
ک دم	)	8		66	6	11	1
(	(	9		66	6	222	o
		6		66	6	222	٥
		to		66	6	222	0
	+	Desk	check	of Hy	rithm		



) 7/									
1 Le	program outputs 66 and 6, which								
are	the expected results. It is assumed that								
1	12, 0 is the sentined record.								
j.) 1.	BEGIN								
2	OPEN Transaction								
3	tota/ = 0								
4	gst_total = 0								
5.	more and = 0								
6.	count = 0								
7.	READ first record								
۶.	WHILE record NOT sentine								
9	total = total + Transaction, amount								
10.	gst-tutal = gst total + Transaction.gs								
11.	count = count +1								
12.	READ rext record								
13.	ENDWHILE								
14.	total-avg = total/count								
15.	OUTPUT total, gst-total, total-avg.								
16.	END								



1. d.i)	The CASE tool provides - record of the
	different versions and revisions the program has
	gare through. It also provides the number
	of lines, giving on idea of the amount
	of change that the program has gone
	through between versions. (The lines could only
	be used to identify a particular source)
.d. ii)	It is assumed that the data is stored in
	It is assumed that the data is stored in delimiters the file as a record (delimiters reperating
	version and line number poirs, which are in
	turn seperated).
	BEGIN Record_Longest OPEN (Results)
	OPEN Resules' OPEN VERSION'
	READ Rirst record and store in R Version
	IF RVersion. No Lines > 11000 THEN
	WRITE RVersion. Version No to Feralts'
	BEGIN Record - Longest
	OPEN 'Results'



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21.1.1										
	READ first record and store it in R Version									
	WHILE R Version NOT last record in Me									
	IF RVersion. No Lines > 11000 TMEN									
	WRITE RVersion. Version No to Results									
	END IF									
	READ next record in 'VERSION' and store in RVarsio									
	ENDWHILE									
	CLOSE VERSION									
	CLUSE 'Results'									
	END									
-										
)										