

a) (2000 M Define the propblem Plan the solution Build the solution Check the solution Modify the solution (Weaks) b) Data dictionaries help to explain the variables used in the system. They explain the data types, field as sizes, and have a description, and often an example. The programmer can use this is to help understand what the variables name represent Test date allows the programmer to use data, similar sample data to check if the program will work as it is supposed. It checks the boundaries of the system, as well as if the correct results are produced.



= 33	= 3	55 5
=	• }	66 6

Qui	Output	= total = 66	
- 1	7	ast total = 6	,
	,		

11) Begin

Open Transaction

total = 0

gst_total = 0

aug_transaction_amount = 0

READ first record

WHILE record NOT sentinel

total = total + Transaction. amount

gst-total = gst-total + Transaction.gst

1+ tuna = tuna

READ next record

ENDW HILE

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03/WB4



NEW YOUTH WALLY
avg_transaction_amount = total = count
OUTPUT total, get-total, aug-transaction-amont
END
d)i) It allows the software developer to see,
so in not to much detail, the changes in lines
in each version. It shows that there were new
code written, but the next version simplifies the
code.
ii) BEGIN
Mesulta=0
READ value
REPEAT
CASEWHERE
value
Volue
the < 11,000: READ next value
(END CASE
UNTIL end of array
Store result in Results
END