Problem Solving

Example 2:

	Problem Solving Example 2:
•	Open the cash register
	Identify each and every denomination of what type
	of bill is stored in it Count the number of bills in each compartment and
	من المناسب
•	Multiply the counted number with the bill's value Add all the multiplied values to get the total cash stored.
	cash stored.

<u>Q1.</u>

	Problem Solving Qui.
	V
	· Identify the items that are duttered . choose one of each item and place them
	· choose one of each item and place them
	on a down and empty table
,	· Take one item from the clutter and place it
	it it corresponding item on table.
	· find an empty space in the kitchen where
	· Find an empty space in the kitchen where one type of items can be stored, and store the items there.
	the items there.
4.	Repeat step 4 until no more items left on
	table
	End

	Problem Solving do:
	· Identify the possible solutions and the time
	they require approximately. One solution is to all a cab ride from Uber.
	· Post a request to find an available driver
	· Negotiate the price to what you regularly pay · Crive the driver directions to your location
	· Get scated in the car and notify the anve
	to drive fast but sale, because you are late. When you arrive at the destination, pay the
	driver and get to your office.
+	
+	Problem solving 23:
-	Identify the types of exercises you want to do regularly.
1.	choose of only the ones that require under 10 minutes and are still effective
	All your exercises should add us to 30 minutes
. 1	All your exercises should add up to 30 minutes Execute this plan in your free time. If you need
0	changes, do implement them accordingly
. 1	Remember to accompany yourself with a full ster bottle before your routine.

Problem Analysis Chart (PAC)

<u>Q1.</u>

Criven Data	Required Results
& Length	Area
* Length Width	Perimeter
, , , , , , , , , , , , , , , , , , , ,	
Processing Required	Solution alternative
Area = Length x Width	· Plot on a graph the
Area = Length × Width Perimeter = 2 (Length + Width)	· Plot · 6n a graph the find the enclosed are
c. sign	The state of the s

Q2.

Criven data	Required Results
nomA	,
rwmB	maximum
numC	
Processing reg	Solution alternative
if nomA > numB AND	· If the second number
num A > num C	input is less than the
merejmum = numA	first number, eliminate
else if numB > num C	it. Same for the third

Criven dala	hegoired results
TempCelsius	TempFahr
Processing required	Solution alternatives
Tempfehr = (9/5) (Templehsius) + 32	· Use an automatic/conversion
1	module by importing it

Input Processing Output Chart (IPO)

<u>Q1.</u>

100 Q.			
Input	Processing	Module Reference	Qutput
Leigth	Avent length willh		Area
willh	Permel		Perimeter
	· input length	Rend	
	· Input width	Calc	
	· Calculate Perimeter	Calc	
	· Print Aven, Perimete	Cale Area Perimeter	

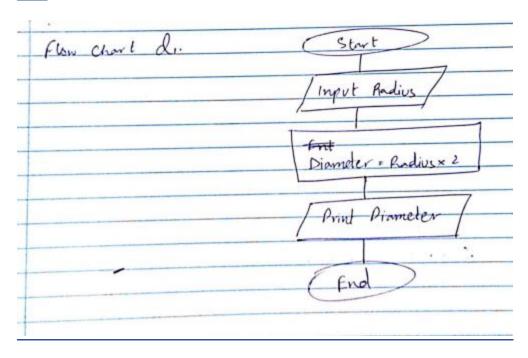
Q2.

Input	Processing	Module Ref	Output
1,000	- Transing		- (01
numA	· Input woml,	Read	
numB	wmb, nom C		maximum
rum C	· Compare #=	CompareMax	
	nomA, nomB, nom		
	to find out	+	
	· Print maximum	a Print	
	· End	max Number	

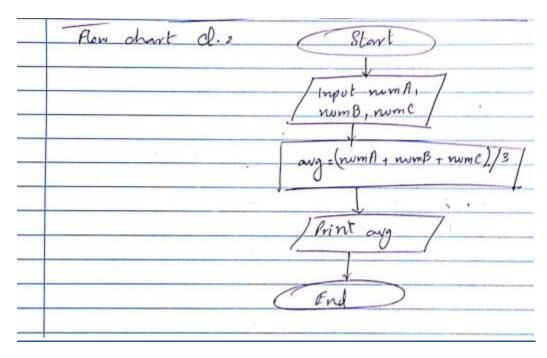
Input	Processing	Module Ret. Rend Calc Print convertTemp	Output
All .	Input templession	Rend	1.0
temp Celsius	· calculate tempfol	Culc	LempFahr
	· Print temp Fahr	Print	
9	·End	convertTemp	No. 14 Personal Control

Flow Chart

<u>Q1.</u>



<u>Q2.</u>



<u>Q3.</u>



Flow shart	Date:
	/ Input len,
	Area = len x width
	Print Area
	End
	(End