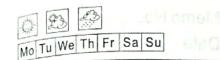
- 1. What are the advantager of uring flow chart?
- * ADVANTAGES OF FLOWCHART*
- , Fary to make
- . Communication become effective and easy to understand.
- · Mirtaker can be earily identified.
- · Analysis become effective.
- · syntheriv becomes effectual.
- · Debugging becomes possible.
- · Logicr can be easily interpreted.
- 2. What are the limitations of wing flowchart?
- * LIMITATIONS *
- · Flowchart are very time convuning and laborious to draw with proper symbols and spacing,

especially for large complet programs.

· Dwing to the rymbol - rtring nature of flowing charting any changer or modifications in the program logic will weally require a complete new flow chart.



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. The	re i	ove	NO (Handard.	r de	termining	+	e am	iount
of	det	ail	that	bluody 7	be	included	in	the	flouchart.

- 3. Ennumerate some application, in using flowchart.

 * WHEN TO WE A FLOWCHART *
 - . To develop understanding of how a process in done.
 - . To study a process for improvement.
 - . To communicate to other how a process is done.
 - · When better communication is needed between people involve with the rame process.
 - . to downerst process.
 - · When planning or project.
- 1. Enumerate Flowchart rymbols with its name and

meaning.

*JYMBOL *

* 14 11/14 *

startlend

* TUP(TION *
An oval represents
whent or endpoint

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	DOCUMENT	A printed downent or report
Q	ZAMMONINE	Indicater a point in
	JUNCTION	the flowchart where multiple brancher converge back into a vingle process.
	DВ	Indicater the process
		flow continue in more than two brancher
	COLLATE	Indicater a viep that
Χ	OULH! (U	orders information into a Handard format
		Indicater a vtop that
Θ	JORT	organizer a lift of
		items into a requerce or vome
		predetermined criteria.
		Indicater or delay
	DELAT	Indicater or delay in the process
建筑为1000000000000000000000000000000000000		

O D - Oil ometa		Mama Na
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	LOOP LIMIT	Indicater the point at which a loop chould wrop.
	DATA UTOPAGIE OF TORED DATA	Indicates a step where data gets stored
	DWTLAT	Indicater a vtep that displays information
<u> </u>	OFF	Indicates that the process continues off page.
5. Give example	problem and wnite	e an algorithm and
flow chart. Examp	de #1: Determine	e and Output Whether
	Number N	ir even or Odd
· Gep 1: Fed	et number N.	
· step o: set	reminder or N	modulo 2.

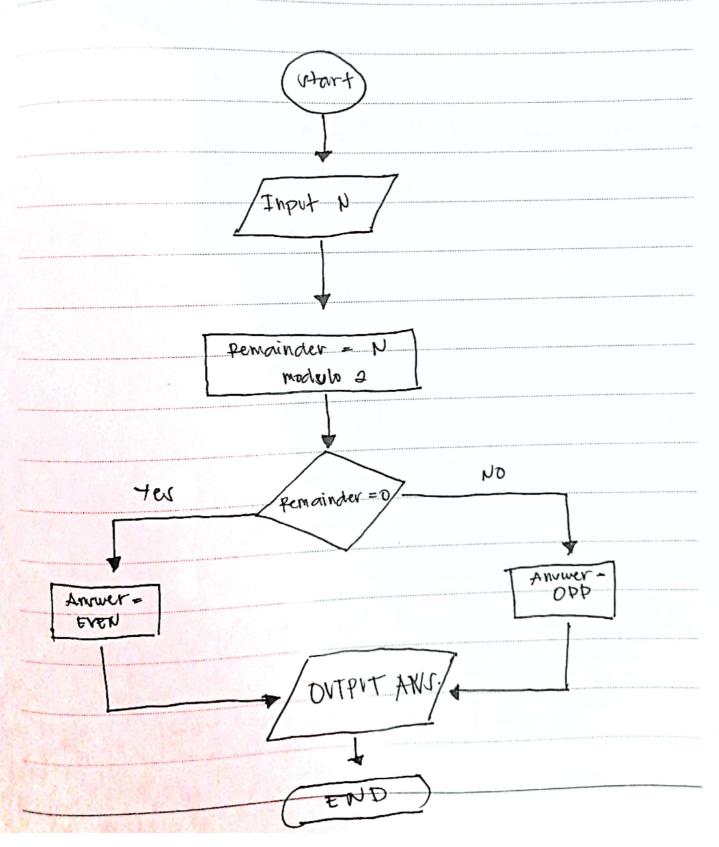


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. Otep 3: If the remainder in equal to a then N in

even, else number N iv odd.

. step 4: Print output.



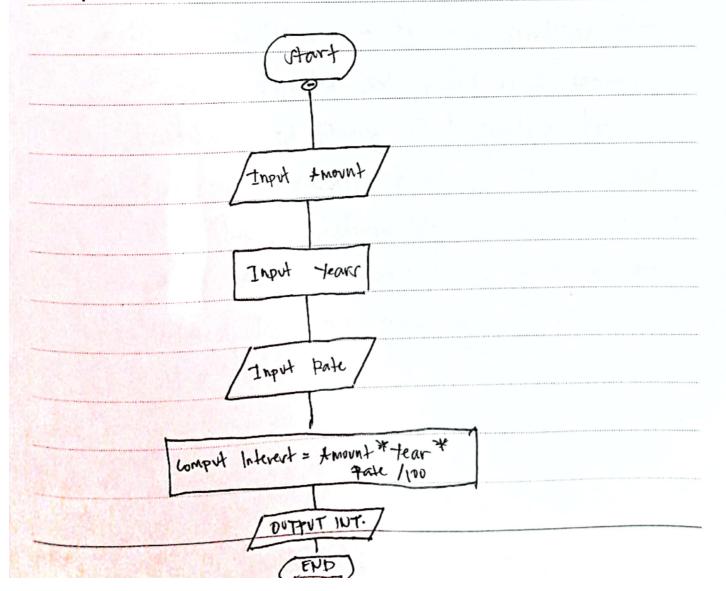
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Example #2: Calculate the interest of a

Bank Deporit

- . Step 1: Pead amount.
- . Step 2: Fead years.
- · (top 3: Pead rate.
- . Step 4: Calculate the interest with the formula "Interest =

 Amount * Years * kate / 100.
- . Aup 5: Print interest.



Mo Tu We Th Fr Sa Su

what are programming languager incluenced by C program?

The development of various languages has been incluenced by clarguage. There are; C++ C abor known a C with clarrer, C++, Python, Java, Java Script, Perl, PHP, Verilog, D, Limbs and C whell of Vnix etc.

7. What iv the vie of (library functions?

Library functions are built-in functions that are group tigether and placed in a common location called library. Each function here performs a specific operation. We can we this library functions to get the pre-defined this library functions are output. All C chandard library functions are declared by wing many header files.

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s. What are c library functions?

· C Standard library functions or vimply functions inbuild functions in C programming. The prototype and data depenitations are present their respective header giter. To we there we need to include the header file function Our brodram.

q. Provide a list of built in functions to each c library functions?

* PROTOTIFE * * PILE * * DEVCEIPTION* * FUNCTION * stop the program void abort Lot dlib.h> abnormally (void); ABORT

> concentenates · cutrcat() Zidning.h two utring compare two · Cutremp ()

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* Lotyle.h>

· ival num() = checks apphanumenc character

· iralpha() = checkr whether a char. iv an alpha.

* < math.h>

· avoi() = computy are wine

· a carh () = computer are hyperbolic carine

* <float.h>

rign (+/-)

· P = precision, the number of bave -

b digitar in the vignificand.

*<tine.h>

· vize_t = unvighed integral type and veruit of the vize of key board.

· clock_t = or type vitable for choring
the processor time

10. List of all teywords in C programming.

· auto · etre · long · rwitch

· beak • enum • regiuter • typedef

· care extern · return * union

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. char	· float	·uhort	- unrigned	
· const	• for	· vigned	• roid	
, continue	· goto	· inzeg	· valatile	
· default	• 4	· (Aatic	· white	
• qp	·int	· And	· Packed	
· double				

11. Bare on the rerearch, provide your understanding on the topic.

** Baved on the verearch, I am very intrigued to explore C computer larguage. This program is so well degine that I can't believe it is made by a human. Now I know what truly a geniss is. It give me a wake up call that knowledge is endlers and there is always romeone out these who are league above you.