Algorithm:

Step 1: Staxt

Step 2: define class mamplex

-data member float x (real paix), Float y

-constructor: default.

	GURU GOBIND SINGH FOUNDATION   Roll No. : Page : Date :
	Gtep 3: Oversload operator
	-Addition (+); add xeal no of imaginary
	-multiplication (*) step-4: stream operator
	-input (>> opexatox)
	Fox xead xeal 4 imaginaxy paxt
	-output (<< opexatox)
	display no in x+y: From
	Step-s: main Function
	-cxecite instruction C1, C2, C3 + C4
	-display value of CitC2
	P 8 int G1, G2, G3, G4
	Step-6: Stop.
ŀ	
Į.	
i	

Flowchast: -START initialize GI, C2, C3, G4 display default value input fixst complex no C (1) input second complex no calculate addition 13=01+62 calculate multiplication (C4= C1 \* C2 display result FNO

	GURU GOBIND SINGH FOUNDATION  Page:  Date:
	Algorithm
- 1)	Staxt
21	define dasses
	- Publication Pxice (Float)
	- Attributes: title (STRING), ister
	- Attributes: title (string), raise - Constructor: initialize title & Price - Constructor: initialize title & Price - books linberits From Publication).
3,	books unheard race
	· initialize title, price 4 pages
	L 1 (1 to cret 01010119 13
	-if valid display back details
4)	Tape : Ha swice 4 min
	Tape -min (Float) initialize title pxice 4 min
-	get +() to get details  if min is not bet 30-90 & Price 500-1000.
	-if valid display details.
جاء	main Guartino
3/	- AGK if they want buy book (1) 08 tape 12-
	-: C 1 call aiget () / Fox bank
	if 2 call q get () tox tape
	Catch exception
6	ENO.
	The same of the sa
4	

	GURU GOBIND SINGH FOUNDATION   Roll No.:   Page:   Date:					
	POLYTECHNIC / DEGREE Date:					
	(Staxt)					
	initialize P.4Pz					
	display headexs					
	discolore de Court a activistad de la lace					
	Idisplay default constauctox values					
TELF	display copy constauctox values					
	Input no of xecoxds					
	Fox 100p Staxt					
	The state of the s					
	Show meny					
	decision : year choice					
777	Entex xecoxds display xecoxds Exit					
	Trout name diaplay heados delete P. Pz					
	call get data () Fox loop to display					
	xecoxd 7					
	update count					
131	(FNO)					
	XMUX					

GURU GOBIND SINGH FOUNDATION Roll No.: Page:
POLYTECHNIC / DEGREE Date:
Algorithm:
the stiplette in a factorial and and an expect in the second
Step1: Staxt
Step 2: Gxeate P. f.P. object of pexson glass step 3: display headex f details Fox P. f. P.
step 3: display beadex + details FOX 11412
Step4: main meny opexation.
-input no of seconds a
- exente an axxay: P3 of pexson objects.
step-5: meny loop
-display meny option
-input usex choice ch
·Input name
· Call P3 (n) get data (name)
Step 6: if ch == 2
· display headers
· Fox each records in B3, call P3[i]
if ch==3
exit the loop
Step 7: clean up
· delete P1, P2,P3
itep 8: END

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POLYTECHNIC	DEGREE / DEGREE	DATION Pag			
	(START)				
					_
decla	ixe classes: F	Publication			
	book top				
input	choice: 11	Fox book .	2 Fox	tape	
1.00					
I	o choice, lb	00K) 0x 2	(tape)		
case 1:			Case	2:	
Xead data F	08		Sego	data	
book	J.F		Fox	tape	
Axe Pages 9	500-1500			mop-0.	
4 Price los	)-2000	4 Pi	sice so	00-1000	
			1 4		_
	Theread	displo	<b>V</b>	Throw	
display	Throw exception in	detai		exception	
details	b.get()	Clordi		get	
	1 01 900 42	The same of the same		V	-
			Gatob	exception	1
(ENDX in main ()					
xeset value					
		* 1			
	3 1	-		put	
7			e	8808	
			_		
				HEESE.	-

GURU GOBIND SINGH FOUNDATION	Roll No. :
POLYTECHNIC / DEGREE	Page : Date :
POLITICOLIMATO	Date.
	Control of the contro
1) START	,
2) include necessary header. File	, Liostxeam & Estxeam
3) define the employee class:	
- declare oxivate data members	
hax name [20] fox employee	name.
- Two public member function	accept (14 display()
4) In main function	
-0xeate axxay 0-5 (employee o	) [5])
last-ve stypen abject t	
5) Open the File input txt F. Ope	n ("input. TXT)
in white mode by calling.	
6) AGK USEX FOX no of employee (1)	
7) itexate over employee list.	
-480 FOX 100p (0 to n-1)	2 1 1 2 1 1 1
- ask usex to entex hame, em	p-id, Salaxy)
-call accept () to take input.	
8) Close the File using (F. close ())	anda Lu callina
9) Xeropen Fite input. txt in xerad	mode by caring
	the state of the s
10) xead 4 display employee info	
117 close File asing williams	
12) ENO.	A Court I
Cilo enisu allestata essential	Scotland Company
	Table 1

GURU GOBIND SINGH FOUNDATION Roll No.: Page:	
POLYTECHNIC / DEGREE Date:	-
(CTOOT)	-
(START)	-
declare employee class	
(name, emp-id, salaxy)	
	_
declare employee axxay o(5)	
Fstxeam Fyaxiable i, n	
Open File "input txt"	-
Prompt usex: "How many employee?	
	÷
5+axt 100P	
	F
Accept employee detail using o[1] 1)	
Julxite employee detail to File F. wxite ()	
	Ī
End loop	Ļ
close File	ļ
Xead employee details from File F. read()	H
display employee details using osiz	
Trogoe goralio using osid	
(END)	

8		
H	I GUBU GOBIND SINGH FOUNDATION -	No. :
	POLYTECHNIC / DEGREE Date	
		•
	1.	
	Fligosithm	
-		
1)	START	
2)	Display selection soxt.	
3>		28.15
4		sxox mossage
5	5) Set min = I	
6	input integer element in ACT	Sec :
7	1) Soxt the input element 4 display lis	.+
18	8) Read Float clement n.	
g	TEN exceed max size display exx	nx meccule
10	o) Else input take Float element in	BIT
11	1) Soxt the input thement & display	K.C.T
	2) End.	Kat.
-		
1 hr	And the Date of the Annual Control of the Control o	
L Desi	win and the second	
٠		1 1970
		101.0

	GURU GOBIND SINGH FOUNDATION Page:
	POLYTECHNIC / DEGREE Date:
	(START)
	Display "Selection soxt"
	/T and /
	Input n(no. of integes element)
-	
	t min b
	Is n>max.size
-	Display Exxox: Integexs elements
	maximum size exceed into A []
-	
	Display goxted elements
	9011001 010113/
	Input n (number of Float elements)
	Is n>max-61ze7
	Display "Exxox Input Float element
	maximum size exceed into BET
	V
	Display soxted elements
	District and application
	(End)

1	GURU GOBIND SINGH FOUNDATION	Roll No.:
	POLYTECHNIC / DEGREE	Date:
	Algorithm	2.
-		
-1	START	
2	Input number of Records(n)	<b>P</b> 1.4
3	Fox i=0, n-1	
4	Input name, DOB, Telephone	
	Stoxes xecoxd in vector	
	Soxt the vector of records to	11,000
	Display College Dr x000x05 R	39 Ivame
1	Display soxted Recoxds	
	711191 19110 10 8000	<del></del>
	Seasch Fox Name in vector	100
	of IF Found, display xecoxd	
1,	) IF not found display "Record not	Found
	End.	
No.		37
	The state of the s	
	I was the same of	
		3
1		
1		Marian J.

GURU GOBIND SINGH FOUNDATION POLYTECHNIC / DEGREE Date:
GTART
Take Toput n
Fox i=0 to 0-1
Input Name
Toput Telephone
Store record in vector
Goxt Vector by name
Display soxted Recoxds
Input Name to seaxch/
Geasch Fox name
Display *6coxd/ Display "Not found"/
ECOL

	GI	URU GOBIND SINGH FOUNDATION / DEGREE	ON Roll No. : Page : Date :	
			سيبين	
	F	Algorithm	حلب	
_				
3	17	TART Initialize map execute ma names 4 population Input usex to entex a state seaxch look Fox state in	name	state
-	6 1	IF Found, display population IF not Found, display "Sto		found"
_	771	End.		
	-			
				<del></del>
				The state of the s
i.				
	-			<del></del>
				- To 10
	F.			
			1	
				金 430
			orași M	17 (1)
-			100	
				100

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