1. Program means a riet of intruction that make up the solution after they have been coded into a programming language 2. Variable rames cannot start with digit 3. The Eolo gurator is true only then both the opprands are true Put a=654.1239; printf("4.0.3f", a); -> 654.123 (Rounded to 3 decimal points) 5. & > Bitwise AND (AND Grate) 6. Compilation error (undefined minute) 7. 2=5*9/3+9 me precidence . No to Reministry # ->/-> / = (5* 9)/3+9 = (45/3)+3 8421 8. a=10 // 1010 's Output :- de 40 a=10 // 1010 a<2:-10000110110 1/2 > voutput variable name hexadecimal representation , for (1/1x, a)= : 10 in heradecimal is represented as A Werners, 0 - 0 to C, we get output: a AD O A P 18-12 Jonwards (a7 15) (Value Ja-6)

9. D=50+12*4/32/4-10 Here, ex have) # / // -> Same presidentification (L->R)

(D) has higher presidence than (D)

(B) Codes of evaluation: - # / // + - = 10. int min () } state int i= 5; if (--i) { The condition is pen-zero

As long as if (-i) as > 0,

it will execute its if block Seturn O; 0 0 Optput: 4321 Part-B -# Program to Find Area of Circle " > documentation Anchade (staio h) -> Preprocessing libraries #include (conic.h) # define pi 3.14 int main () 2 flort area; - Local Veriable Lectoration scanf ("/d", &r); area = pi * r + r print (" Area of circle = 1.24", area); return 0; getch (); //Takes input for single character from user

12. Algorithm: Step by step relation to solve a problem the hort - It is a diagram which defines inputs and how each in will be manipulated the all throughout the program to give an output Bendocode: It is a low level language representation of a problem using a combination of English and Hathoperators to define each sty in an algorithm. 13. Beardence: The priority of grouping different types of operators with their operands. Associativity. It is the left-to-right or right to left order for gloring Here, \$ & / how same precedence

- We will follow their associativity - Tleft to right

- (6 + 3)/20

- 18/20

- 08

(For this expression) Associatively left to right: / > * 14. Statichocal variable: - It is a local reviable which retains its value between functions calls or block. It is visible only in the function flock it is defined in Static global variable: It is a global variable skitch retains its value in the file it is defined in and only visible on that file Externel Hering variable: Extern stands for external storage class. The external class is used when we have global functions on variables which are shared between two or more files.

10	3. Use the formula > Surface area of cuboid =. Part C:	
	my formula > Surface area d. 1.1	A A
	Pro C.	2lw+2lh+2wh
	Turt C !-	
10	All	
16	Algosithm:	
	27th no	
	START	
	PECLARE F. C	
	KEAD C Bom Hu	
	Calculate Fagant 1	
	PECLARE F. C READ C from the user Calculate Forenheit using formula F = C * 9/5 + 32 STOP STOP START	
	STOP	
	START	
	Flowchart: F=C+9/6+21	
	F=C+9/9+2	
	PISPLAY F	
	STOP	
12	40 10	
17.	Algorethm:- FI	
		Juschourt:
	START	START
	DECHARE BP, HRA, DA, GS	Thomas
	Read BP Boom the way	Tavillo P
	Read BP from the user Calculate HRA = (30/100.0) +BP	DECLARE BP, HRM, DA, GS
	Cal fat DD (251)	7
	Calculate DA = (80/100.0) & BP	[IMPUT BP
	Calculate GS = BP + HRA + DA	HRA = (30/100.0) * BP
-	Dieplay GS	
	STÓP	DA = (80/100.6) * BP
	Rousehade	GS = BP + HRP + DP
		DESPHAY GS /
		V
		(STOP)