	Q PAGE No.
	USN: 18419CSO39 NAME: Kizhakel Storot Prance DATE //
6)	Usike a C/ Java program which prints the weard
	volume of any one of the given shapes given below.
	scient the choice of chape, appropriate inputs from the
	user, calculate - and display the crea and Herolong
	for the same Report this for different shapes till
	yerwiter to stop
	Cylinder! Ata: A=2nrh+2nr2 Volume: Nzrer2h
	Cone: hea: A=Nr(r+(h2+r2)) Volume: V=n+2h/3
	Sphere: Hreg: A=4nr2 volume: V=(4/3)onr3
	7 (43717
COPG	#include Cstelio.h>
	#include (stalib.b)
	#include Lmath.h>
	# define pi 3.14
	int maine)
	S.
	float v,h;
	float Ay V, arsi;
	int ch:
	while (ch. != 0')
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	q
	printf("In calculate trea and volume of different
	shapes In "):
	printf(1/Menu: In K. Cylinder In 2. Lone In 3. Sphere In
<u></u>	Presso for Exit (n');
	Scanflio(d1, dich);
	Switch (ch)
	2

	PAGE No.
7	Case O: exit(o):
	case 0: exit(o);
	preak; whi and and it and it has a
	casel:
\$ 200 miles	printf l'Enter the radius: 11)
	sconf (10/0 f 11, f r);
	printf ("15"nter the height:");
	a we coupled by born
	A=(2*pi*r*h)+(2*pi*r*r);
	\\ = (0; # r * r * 6)'
	printf (othe Area of the Cylinder is of f 1/ A);
	printf("In The volume of the come is "lof"; V);
	break; Uslinder
	case 2:.
	printf ("Enter the radhes");
	sconf (uplof", fr);
	printf ("Enter the height");
	secont (colof 1, fh);
	angl= hth +v tk;
	A = pi + v + (v + sgr+(ans 1));
	V= (pi+r×r×h)/3.0;
	printf/"Area of the lone is %f", A);
77	printf ("The volume of the cone is % of", V);
	break;
<u>.</u>	case 3:
	printf("Enter the radius");
	Scarf(119651, 4-)
	A=4*p1*xxx;
	V= (4*p;*x+x-)/3.0;