nth Root using Bringsty Search -> Logec Suppose He have to find the sq. root of Then in Binary Gearch our seach space will be from 1 to 4 1234 (Now, be will apply Binary search and the And if we want condition will be it MID X MID < X . Oxy decimal places as rearch space will ELSE, 41=M3D) what increase e.g: [x = 4 hore] For x=2 if we want 1.4 as any then our yearch space will be: 1 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2 It's time complexity will be:

px log (Nx 104) For pm troot of

number N with a decimal places)

	Page No
	CODE
DOUBLE EPS = 1e-7; 11 pr	ucisión of our ang.
, Junction to multiply o	us no till ym nost.
DOUBLE MULBERY (DOUBL	6 MID 343 N)
3	Loud year
DOUBLE ANS = 1;	1009 22 5403
FOR (3N7 1=0; 1< 1	•
{	
ANS *= M2D;	C) with full
}	
REZURN ANS;	side of socie
3	D0.916 00;
tout of a solt mi	
VOSD NZH-BINARY (DOUBL	E x, 3N3 N)
	h contract
DOUBLE LO =1, M3=,	
-, eg: here, 000=	EPS = 0.0000001, 30,
it will determine	
WHILE (HI-LO > EPS)	
	2; spind found
3 = (MUL33824 (M3D	
igete & on brilge	
	silvand stalidard
3 5 7 2 3 4 7	Commission of the Commission o
ELSEN TO	The state of the s
H3 = M3D;	Market Company of the Company
	the state of the second st

Page	No.	
Date		

	- Now we can print LO of M3 any,
	they both will give some @s ans
	till air busing of 10 here.
1	till given precision of 10" here. COURTER LO << "111/20 42 << "/> 11/20 43 << "/> 11/20 43 << "11/20 43 ;
	Coupered to the most individual to the configuration of the configuratio
1	- Finding not using inhuilt
-	10H Junction.
-	cour << ρομ (α, 1.0/m) << "/m";
+	3 Charlette Discourse Long
-	
+	3NJ WU3N ()
+	{
	, no for which we have to find the root of
	DOUBLE &;
	- , value of n in the non troot
	343-435 PARTED 18000 PRANTA ATH GTOV-
	$\frac{(3N \Rightarrow 2 \Rightarrow N;}{}$
	NZM-BINARY (x, N);
2	RETURN (O; 29) ages and
	3 pormer int printers the ten
c.	0-1: it b it
	Predicate Junction -> A Junction which returns
	TRUE FAIRE
	Binothy search is abblied and the
	Binary zearch is applied on Monotonic predicate Junction. e.g.:
	FFF77
	777 FFE