4	
•	Ouig
•	5,75
	5/2=1 divide 5 by 2 heeping
9	2/2 = 0) notice of the questions and
•	1/2=1) the remainds
	101 write the rename order
	from bottom to up
•	piam balan a up
	0.75 x 2=1+0.5 mulliple by 2
-	6.5 x 2 = 1+0 and write the intege part
3	pelt
-3	
-9	1101.11
-3	
-	63/64 = 6.984
	0/2 = 0 divide the integer by
-	2, to quotion an remainder
	0.984 x 2=1.968 multiply by 2 Keepe
•	0.968 x 2=1.936 integrand fractional
•	0,936 x 2 = 1,872 part
•	0.872x2=1.774
1	0.744x2 = 1.488 0.488 x 2 = 0.976
	$0.976 \times 2 = 1.952$
	6.952 X 2 = 1.904
0	0.964 x 2 = 1.808
	6.808 x 2 = 1.615
9	
0	0.1111011111

		6
		0
		0
	The state of the s	0
	9.8125	
	9/2=1 9 dinded by 2 heap	0_
	2 ? = 0 notice of quotient	-
	2 2 = 0 and remarks	9-
		9-
	1001 Collect Inom batton	-
	to top	0
.1	0.8125 x 2:1.625 multiply by 2	0-
	0.625x 2=1.25 notice the ntogs and	-
	0.25 x 2-0.5 fractional part	-
	0.5 12=100	-
	1001,1101 collect the desired	9-
	from to p to pollon	-
	for poury	-
0	34,890625	-
	34 2 = 0 6.890625×2 1.78125 = 1	
	17 2 = 1 0.78125 x 2 1.5625 = 1	
	8/2=0 0.5675×2 1.125 = 1	
	$9 2=0$ $0.125 \times 2   0.25 = 0$	6
	$\frac{7}{12} = 0$ $0.25 \times 2 \mid 0.5 = 0$	
	0.7 %	
T	34.890625 = 100010,111001	
	I) 1.00010111001 x 25	
	1321 2= 0	-
II	Positue 66 2 -0	
	Ex = 5+127 = 132 33 2 = 1	
	mantisa: 10000100 8/2=0	9
	7 = 0	1
	1) - 5 (1)	

[0] (10000100) [00010111001000... Sign Expense mantisa find the binary value of the decimal lising the step from previous questions looks for the sign of gives value of positive of or negative more the decimal point to the left side of more represent the Exponent then add to the Bias and will get the Exponent and convert it to benany and then collect all the rest after the point will be marked O value is positive 01111011, Bias = 127 > = 26 + 25, + 24 + 23 + 21 + 20 = 123 Get binary format 123-127 = -4 1.000 0000 0000 0000 0000 0000 x2-4 0.0001 = 1 = 1 = 0.0625 ]
calculat the de cimal number

rominling number are balue closes to I below Closes to I above, Exponent 0001 and on and denormalize rumber are balue are 0000 5 malles normalized gamalles denormaly Denamilez d 6