	Nome: Radian man of ans
	Rollno : 53
	Pennel: A
	remex: A
	Thopay Assignment -2 (TOC)
(1)	illust in mallo poull
- (What is Halting broblem of Twing mouhine? Explain in
	au tau,
<u> </u>	
Ans	Malting Peroblem is peroblem of deciding or conducting
	based on a given arbitaly computer program and its
	mitte, another program will stop executing or sum in
	Halting levoblem tolls that it is not easy to went a
	Halling levoblem tall that it is not easy to went a
	computer program that executes in limited time that is
	capable of deciding whether a possession hatts for an input.
	In addition to that Halting bubblem more says that it
	In addition to that Halting levelen novos says that it is not practicable to determine whother a given I condom
	porgerum is going to halt (stop).
	Grangle -
	INPUT - Lougerann Pand a storing S
	RUTPUT- II P stops on S, it protugues
	Otherwise if Pentous into an enders loop on S,
	Let us comideer Malting Revolution Called H having Solution. Now H takes Johnwing infits-
	1000 H takes Johnsong monts
	Brogram P
•	Input S
0	Inqui >

If stops on S then I results in "halt", Otholyone H gives result "loop". Rocogramof "natt" or "Loop" Halt Input S 12 Design a TH to chark you a qual number of 0's and equi-L= 101,001, 1010, 110100---- 3 (BODWOB) 0/8/15 BIBIR 2/2/2 1/8/8 SINL alalk