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	BE comp 2 DATE:
Scop Designment 5	
14 Eniest the basic steps of particle swo	notion onthe
Ans. 8kps are as follows:	
i) initialize panticles	
ii) calculate fitness value tou each pas	nticle.
ii) If (convent fitness value is better	
current fitness as new p-b	
elte	
keep previous p-best	
iv) Assign best particles p-best value	to a-best
V) Calculate relatity for each particle	
is) use each particle's velocity value	
vii) if (target on max epochs reached	
END"	
elso	
goto step 2	
- velocity - how for an individual of	lata is from the target.
p-best - indicates closest the value	e doser to targer since algo. started
ay Differentiate between Heal valued	and binary pso
Ans . 1. In real valued PSD everything	is in terms of velocity.
Generally, the velocity is define	ed in terms of a probability
of the bit changing.	
2. in Binary Pso, each solution in	The population is a binary
string, each binary string is of	dimension or which is evaluated
to give parameter values.	<u> </u>
3. In binary tree PSO, each binary	string represented a particle
string are updated. bit-by-bit based on its current value.	
the value of that but is the best of that particle to data.	
and the best value of that but to	data of its neighbour.