Steps for a genetic Algorithm
Trowelling Soiles non Problem
1. Senerale rulliple random Routes
[1] 30730
$[2] \circ \rightarrow \circ \rightarrow \circ \rightarrow \circ $
2. Seouch the best route with shortest nonge and order them
and order them
30 The other routes die
La lenerone neur hours work
Combination
1 10 0
route A = 21, 4, 5 13 }
notated route A = 2 1, 7,5/19 It could be nossible that this route is feller
then the first

o Combination:

Porte A = 21,4,5,43 fusion

Poule B = 22,3,8,93 both

Combinated For te C = {1,4,8,3}

Two parent routes fusion together and

form a clibb route which could be fitter

than its parents.

5. Repeat step 4 several times to get even better results

6. after o Seneroctions jou pich the filtest route

Porrometer of or genetic Algorithm?

- o Arrount of generations (Step 5)
- · Populo Nion per genero Nion
- o percentage of the nutortest population
- o percentage of the combined population
- oselection of the fittes 1 for the next screention