

step 2: Coossover (strings are matted randomly using coin, tosses to pair the couples)

	1					1 1 1 1 1
string	mating Pool after reproduction	mate (randomly selected)	crossover site (random)	population	X-value	f(n) = n
1	0110 1	2	4	01100	12	144
2	11000	1	4	11001	25	625
3	11/000	4	2	11011	27	729
4	10011	3	2	10000	16	256