GA Assignment Screenshots

CS182019 | Muhammad Danish | 6B

	string	fitness_sol_value	relative_perc
0	CDAB	95	20.0
1	BADC	102	21.5
2	BCDA	99	20.9
3	CBAD	77	16.2
4	DAEC	101	21.3

```
Enter a string from mating pool for crossover: bcda
Enter a string from mating pool for crossover: cbad
Enter a crossover point: 2
feasible child-1 --> BCAD
feasible child-2 --> CBDA
```

	string	fitness_sol_value	relative_perc
0	CDAB	95	14.6
1	BADC	102	15.7
2	BCDA	99	15.2
3	CBAD	77	11.8
4	DAEC	101	15.5
5	BCAD	90	13.8
6	CBDA	86	13.2

```
Enter a string from mating pool for mutation: daec
Mutate what from string A,B,C,D,E ?c
Mutate what is present in string.
Mutate with A,B,C,D,E ?b
Mutate with is present in  SELECTIONS.
feasible mutate --> DAEB
```

	string	fitness_sol_value	relative_perc
0	CDAB	95	12.6
1	BADC	102	13.5
2	BCDA	99	13.1
3	CBAD	77	10.2
4	DAEC	101	13.4
5	BCAD	90	11.9
6	CBDA	86	11.4
7	DAEB	106	14.0

```
['DAEB', 106, 14.0] is the best solution
7  is the index of best solution
```