

```
gaurav@gaurav-Lenovo-Legion-Y540-15IRH: ~/tp
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For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- final_solution().
Do you want to proceed with dfs(y/n).
|: n.
Do you want to proceed with best-first(y/n).
|: y.
Input Source
|: agra
|: .
Input Goal
|: agartala.
The path from source to goal is:
agra
ahmedabad
agartala
The cost is: 4183
true.

?-
```

```
gaurav@gaurav-Lenovo-Legion-Y540-15IRH: ~/tp
gaurav@gaurav-Lenovo-Legion-Y540-15IRH:~/tp$ swipl assignment2.pl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.2.1)
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For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- final_solution().
Do you want to proceed with dfs(y/n).
|: y.
Input Source
|: agra.
Input Goal
|: agartala.
The path from source to Goal is:
agra
ahmedabad
agartala

The cost is: 4183
true.

?-
```

The above pictures show the working of dfs and best-first.