src/P3main.java

```
importimportimportimportimportimportimportpublicclassP3mainpublicstaticvoid
main(String[] args)if4"usage: java P3main <DFS|BFS|AStar|BestF|SMAStar|...>
<N> <ds:as> <dg:ag> [<param>]"1// Print initial information"World: Oedipus "1
"Departure airport -- Start: "2"Destination airport -- Goal: "3"Search
algorithm: "0intmemorySize=441// Parse start and goal from args2":"3":"Node
goalNode=newNode01null0nullNodestartNode=newNode01null0// Run the search
algorithm01privatestaticvoidrunSearch(String algo, intintswitchcase"BFS"break
case"DFS"breakcase"BestF"breakcase"AStar"breakcase"SMAStar"breakcase"IDS"break
default"fail"break Algorithms.PartA_BFS;
 Algorithms.PartA_DFS;
 Algorithms.PartB_BestF;
 Algorithms.PartB_AStar;
 Algorithms.PartB_SMAStar;
 Algorithms.PartC_IDS;
 General.Node;

    {

’    °
™ (args.length < ) {
™•7–7FVÒæ÷WBç &–çFÆâ,“°
™•7–7FVÒæW†–B,“°
™}
™
™System.out.println( + args[]);
™System.out.println( + args[]);
™System.out.println( + args[]);
™System.out.println( + args[]);
™System.out.println();

™   args.length >  ? Integer.parseInt(args[]) : Integer.parseInt(args[]);

™
™String[] startParams = args[].split();
™String[] goalParams = args[].split();

™    (Integer.parseInt(goalParams[]), Integer.parseInt(goalParams[]), , , );
™    (Integer.parseInt(startParams[]), Integer.parseInt(startParams[]), , ,
™™goalNode);

™
™runSearch(args[], Integer.parseInt(args[]), startNode, goalNode,
memorySize);
–Ð

’    6–¦RÂ æöFR 7F 'DæöFRÂ æöFR vö ÄæöFRÂ  ÖVÖ÷'•6–¦R</span> {
™ (algo) {
™’
™™PartA_BFS.bfs(startNode, goalNode, size);
™™;
™’
™™PartA_DFS.dfs(startNode, goalNode, size);
™™;
™’
™™PartB_BestF.BestF(startNode, goalNode, size);
™™;
™’
™™PartB_AStar.AStar(startNode, goalNode, size);
™™;
™’
™™PartB_SMAStar.smaStar(startNode, goalNode, size, memorySize);
™™;
™’
™™PartC_IDS.iterativeDeepeningSearch(startNode, goalNode, size);
™™;
™“
™™System.out.println();
™™;
™}
—Ð
}
```