Class Class Class **JobGraph CourierDelievery** State private int totalCost private int functionalCost private static final int size = 32 private int heuristicCost Main Class No Attributes private ArrayList<Job> Jobs private Job curr private State best; private State parents private BitSet visited public JobGraph() public State(Job current, int functionalCost, public boolean addJob(Job add) int heuristicCost, State parents, public static void main(String[] args) public ArrayList<Job> getJobs() BitSet visited) public String toString() public void setVisitedToNull() public void pathGenerator() public String toString() Class Class **InputManager** Job private final int startX private final int startY private static final String Job private final int endX private static int ID private final int end; private final int distance private final int jobID public Job(int startX, int startY, int endX, int endY, int ID) public InputManager() public int thisJobToAnother(Job other) public void commandInterpreter @Override (Scanner input, JobGraph graph) public boolean equals(Object obj) @Override

public String toString()