

PseudoCode2

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Package TieFighter

Main Class

```
{
    public static void main(String[] args)
    {
-Create Scanners for 2 files -> scanner1 = galaxy.txt, scanner2 = pilot_routes.txt
-Create PrintWriter -> out1 = patrols.txt
-Create Empty Graph -> graph
while(scanner1.hasNext())
{
    -Split Line by spaces -> String[] parts
    -adding to parts[0] of graph
    for(int i = 1; i < parts.length; i++)
    {
-Split parts by (,) -> index 0 is x coord, index 1 is y coord
-add to graph
    }
}
-Close scanner1

while(scanner2.hasNext())
{
    -Capture and Remove name using REGEX -> String name
    -Split line by spaces -> String[] parts
    boolean valid = true;
    int length = 0;
    for(int i = 0; i < parts.length-1; i++)
    {
if(parts[i] -doesn't connect to- parts[i+1])
{
        valid = false;
        break;
    }
length += -connection length-;
    }
    out1.format(-formatted output-, name, length, valid);
}
-Close scanner2, out1
    }
```