

```
kgv 12 20 == 60
kgv 15 40 == 120
kgv (-15) 40 == 120
kgv 17 0 == 0
```

```
agv 12 20 (50,130) == [60,120]
agv 15 40 ((-50),150) == [120]
agv (-15) 20 (60,180) == [60,120,180]
agv 15 40 (200,10) == []
agv 17 0 ((-1000),1000) == []
```

```
type PassName      = String
type FlightNumber  = Integer
type PlaceOfDeparture = String
type Destination   = String
type Airfare       = Integer
type Database      =
[(PassName,FlightNumber,PlaceOfDeparture,Destination,Airfare)]
```

```
db = [ ("Anton",857,"Vienna","London",237),
      ("Berta",456,"Paris","Berlin",278),
      ("Anton",123,"Rome","London",417),
      ("Anton",109,"London","Berlin",237),
      ("Karla",888,"Vienna","Rome",350),
      ("Karla",832,"Rome","London",417),
      ("Berta",857,"Vienna","London",199),
      ("Karla",753,"Vienna","London",237) ]
```

```
flights db "Anton" == [(109,237),(123,417),(857,237)]
pass2Dest db "London" == ["Anton","Anton","Berta","Karla","Karla"]
mostValuedPass db "Vienna" "London" == (["Karla","Anton"],237)
```