***1***

**Context:** Flight

**Inv**: self.duration.oclAsType(String) < 4

**Context Flight:: self.**duration: string

**2**

**Context:** Passenger

**Inv: self.**max\_no -> size () <=1000

**Context Flight:: self.** maximum: short

**3**

**Context:** Passenger

**Inv:** passenger.age -> age () <=passenger.minAge

**Context Flight::** passenger.age: short

**4**

**Context:** Flight

**Inv:** self.duration.oclAsType(String) = arrival\_time – departure\_time

**Context Flight:: self.**duration: string

**6**

**Context:** Flight

**Inv:** Airport.name -> flights () = “Amsterdam”

**Context Flight:: self.** flights: string