Project Report Task 1

Assumptions

- There are locations w/o any performances
- In each event there is at least one participating team
- Countries w/o teams exist
- Teams can participate at different events, but not different disciplines
- There are always enough teams (ski-jumping specific)
- Athletes compete either in a team or individually (not both at the same time)

Requirements impossible to be modeled

Model can't represent that:

- Team members are all from the same country & that team and its member(s) are from the same county
- There is only one performance at the same location at the same time. Also not that a team doesn't have more than one performance at the same time
- Which teams are eligible to proceed to final/second round, i.e. the requirement to proceed
- There are already some athletes/teams pre-qualified
- Overall score is the sum of 1st and 2nd final rounds (only that it consists of two scores)
- All the specific cases how medals are distributed