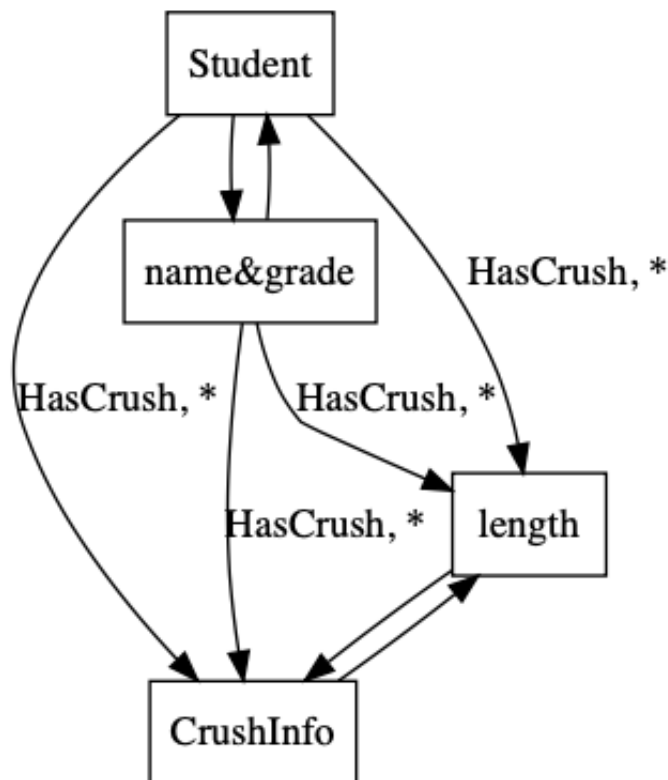


Question One:

```
digraph G {
    Student[label = "Student", shape = "box"]
    namepkgrade[label = "name&grade", shape = "box"]
    CrushInfo[label = "CrushInfo", shape = "box"]
    length[lable = " length", shape = "box"]
    {Student, namepkgrade} -> {CrushInfo, length} [label = "HasCrush, *"]
    {Student} -> {namepkgrade}
    {namepkgrade} -> {Student}
    {CrushInfo} -> {length}
    {length} -> {CrushInfo}
}
```



Question Two:

Overlapping (e.g., Fiction and Children) and complete (all books are Fiction or Nonfiction).

Question Three:

team(t_id, t_name) player(p_id, p_name, p_birthdate) play(t_id, p_id, p_date, score) goal(t_id, p_id, time, period) belong(t_id, p_id, start, end)

```
graph G {
```

```

team[label = "team", shape = "box"]
play[label = "play", shape = "box"]
player[label = "player", shape = "box"]
belong[label = "belong", shape = "box"]
belong -- team
team -- play[label = "host"]
play -- team[label = "guest"]
play -- goal
goal -- time
goal -- period
player -- belong
player -- p_id
player -- p_name
player -- goal
player -- p_birthdate
belong -- start
belong -- end
}

```

