Question One. 25 points. Supply the missing function so that when this code runs:

```python
stranger_things = {}
stranger_things["The Vanishing of Will Byers"] = "The Duffer Brothers"
stranger_things["The Weirdo on Maple Street"] = "The Duffer Brothers"
stranger_things["Holly, Jolly"] = "Shawn Levy"
stranger_things["The Body"] = "Shawn Levy"
stranger_things["The Flea and the Acrobat"] = "The Duffer Brothers"
stranger_things["The Monster"] = "The Duffer Brothers"
stranger_things["The Bathtub"] = "The Duffer Brothers"
stranger_things["The Upside Down"] = "The Duffer Brothers"

episodes_directed(stranger_things, "The Duffer Brothers")
episodes_directed(stranger_things, "Shawn Levy")
episodes_directed(stranger_things, "Kerri Cobb")
```

The following output is produced:

**The Duffer Brothers directed 6 episodes**
**Shawn Levy directed 2 episodes**
**Kerri Cobb directed 0 episodes**
Question Two. 50 points. Supply the missing class and methods so that when this code runs:

```python
# “Stranger Things” is the title of the series.
# “The Duffer Brothers” is the creator of the series.
# 1 is the number of seasons that the series has run.
# 8 is the number of episodes that the series contains.
stranger_things = Series("Stranger Things", "The Duffer Brothers", 1, 8)

print(stranger_things)
stranger_things.addSeason() # here comes the next season
stranger_things.addEpisodes(9) # there are now 9 more episodes
print(stranger_things)
```

The following output is produced:

```
Stranger Things has aired 8 episodes over 1 seasons.
Stranger Things has aired 17 episodes over 2 seasons.
```
Question Three. 25 points. Object Oriented Concepts.

(a) What is the name of the constructor method in a class?

(b) Suppose the class Athlete is already defined and we want to define a new class called Runner that is a subclass of Athlete. Complete the following one line of Python:

```
class Runner
```

(c) In the context of the Athlete class, give a concrete example of the difference between an instance and an instance variable.

(d) Describe briefly the difference between a reader method and a writer method.

(e) To override the + operator, an __add__ method can be defined in a class. What method must be defined to override the ** operator?