1. Is the following argument risk-free, valid, both or neither?

*The ball is red. Therefore, the ball is colored.*

1. Is the following argument risk-free, valid, both or neither?

*All dogs are birds. All birds are parrots. Therefore, all dogs are parrots.*

1. Are all valid arguments risk-free?
2. Is the following argument valid?

*If tariffs will be imposed, prices will go up. Tariffs will be imposed. Therefore, prices will go up.*

If it’s valid, modify one sentence in order to create a new invalid argument. If it’s invalid, modify one sentence in order to create a new valid argument.

1. Is the following argument valid?

*If people have the right to a state that imposes border control, people have a right to a city that imposes border control. People have a right to a city that imposes border control. Hence people have the right to a state that imposes border control.*

If it’s valid, modify one sentence in order to create a new invalid argument. If it’s invalid, modify one sentence in order to create a new valid argument.

**Philosophical bonus:** What do you think of the valid argument? Are the premises true? Do you accept the conclusion?

1. **(Hard)** The following argument is invalid:

*I will watch* East of Wall *or* Suspended Time. *I will watch* East of Wall. *Therefore, I will watch* Suspended Time*.*

Find two ways of modifying a sentence in order to create a new valid argument.

1. Identify two argument forms the following argument is an instance of:

*Some chefs are skateboarders. Some skateboarders are surfers. So, some chefs are surfers.*

1. How would you show that the argument in 7 is invalid?
2. Identify one valid and one invalid argument form the following argument is an instance of:

*Everyone born in Lima is Peruvian. Everyone that is Peruvian is Latin American. Therefore, everyone that is born in Lima is Latin American.*

Is this argument valid?