1. Specify the deciding factors that determine which of these two patterns should be applied in a particular situation, emphasizing the reasons why the Bridge pattern is considered to be structural while the Strategy pattern is considered to be behavioral.

Answer:

1)Bridge Intent: allow different implementation, decouple implementations from abstract

1. Strategy Intent: allow different behavior algorithm, decouple behavior define from behavior implementation

So it is clear: bridge focus on micro-architecture, since the intent focus on abstraction and implementation, so it is structure pattern.

Strategy focus on object interaction, since the intent focus on behavior implementation decouple, so it is behavioral pattern.

b. Supply examples to demonstrate this distinction

Answer:

1)Bridge: allow multiple windowing platform

2)Strategy : allow different formatting algorithms