

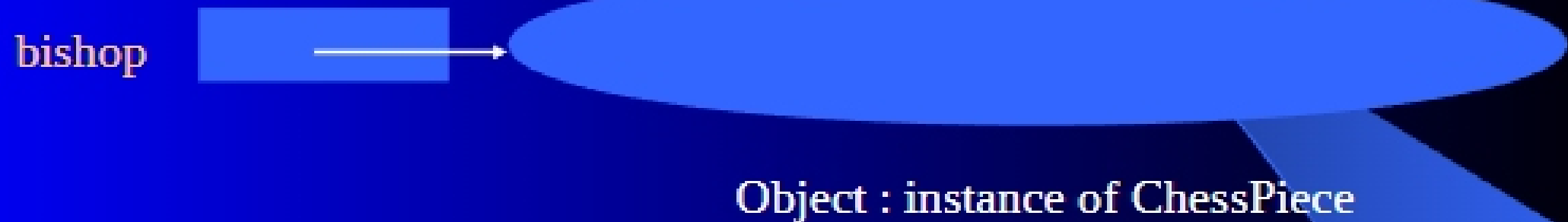
# Polymorphism

What is it, why it is needed?

Dynamic binding

Sorting and searching

# ChessPiece bishop;



“having many forms”

Polymorphic reference can refer to different types of objects at different points in time

`Obj.doIt(); //if obj is polymorphic`

In the loop

In a method

Commitment is made to execute certain code to carry out a method invocation : binding a method invocation to a method definition

Compile time binding vs. run time binding

polymorphic reference

late binding / dynamic binding

via inheritance / interface