

Polymorphism Solutions

- Explain what is meant by "polymorphism"
 - Polymorphism means that different types have the same interface

- How is polymorphism supported by C++?
 - Parametric polymorphism
 - Containers which store elements of different types have the same interface
 - Implemented using templates
 - Subtype polymorphism
 - Classes in an inheritance hierarchy have the same interface
 - Implemented using virtual functions and pointers or references

- Describe a program you have already written which demonstrates polymorphism
 - The program in previous lessons which populates a vector with pointers to Drawable objects
 - All the classes in the Drawable hierarchy have the same interface, so in effect we can use them interchangeably