CS 3723: Programming Languages
Mar 21, 2012

You Name:

1. Which of the following correctly defines parametric, ad-hoc, and subtype polymorphism respectively.

    (a) A function/operator operating on different types of input values

    (b) The type of input values is parameterized with type variables, and a single implementation is given to support all instantiations of type variables.

    (c) The operator name is overloaded with different implementations, each implementation supporting a different type of input values.

    (d) A group of related types is unified with a base type, so that a single implementation operating on the base type can automatically work on the group of related types as well.