

## POLYMORPHISM

### PROGRAMS:

1) Create a class of mobile and use the method overloading by passing different arguments.

Project : phone  
Package : org.phonedetails  
Class : Mobile  
Methods : phoneInfo()

2) Create a class of Windows and use the method overloading by passing different arguments.

Project : laptop  
Package : org.laptoptypes  
Class : Windows  
Methods : winnames()

3) Create a class of bank and override the methods in different sub classes by passing same arguments.

Project : bank  
Package : org.bankdetails  
Class : bankinfo  
Methods : saving(), fixed(), deposit()

Class : Canarabank  
Methods : override the method deposit()

Class : statebank  
Methods : override the method saving ()

4) Create a class of travel and override the methods in different sub classes by passing same arguments.

Project : Transport

Package : org.transportdetails

Class : Travel

Methods : train(), bus(), car(), flight()

Class : Delhi

Methods : override the method flight ()

Class : Vishakapatnam

Methods : override the method car()

## **THEORY:**

1) What is method overloading

2) What is mean by method overriding

3) How is Inheritance useful to achieve Polymorphism in Java?

4) In interface, can we make method as static?

5) In interface, can we make method as final?