Paulina Flores

COP 2800C

Dr. Macon

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Poly Assignment Extension

**public** **class** Polymorphism {

**public** **static** **void** main(String[] args) {

// Hank

Name hankName = **new** Name("Hank", "Ellis", "McCoy");

BaseballPlayer hank = **new** BaseballPlayer(hankName, 32, "Magallanes", "Second Baseman", "Both Hands");

System.***out***.println(hank);

*callThisMethods*(hank);

// Terry

Name terryName = **new** Name("Terry", "Drake", "McGinnis");

FootballPlayer terry = **new** FootballPlayer(terryName, 22, "Florida Gators", "Fullback", "Offense");

System.***out***.println(terry);

*callThisMethods*(terry);

// Mario

Name marioName = **new** Name("Mario", "Antonio", "Lovelli");

HockeyPlayer mario = **new** HockeyPlayer(marioName, 23, "Florida Panthers", "Defense", "Bauer Hockey");

System.***out***.println(mario);

*callThisMethods*(mario);

// Paula

Name paulaName = **new** Name("Paula", "Anya", "Corazones");

Golfer paula = **new** Golfer(paulaName, 27, "Team Red", "First Position", "BMW");

System.***out***.println(paula);

*callThisMethods*(paula);

// Danilo

Name daniloName = **new** Name("Danilo", "Estevan", "Colasante");

SoccerPlayer danilo = **new** SoccerPlayer(daniloName, 28, "A.C. Milan", "8 (Central/Box-to-Box Midfielder)",

"Mid Fielder");

System.***out***.println(danilo);

*callThisMethods*(danilo);

// Barry

Name barryName = **new** Name("Barry", "William", "Allen");

BaseballPlayer barry = **new** BaseballPlayer(barryName, 28, "A.C. Milan", "8 (Central/Box-to-Box Midfielder)",

"Mid Fielder");

System.***out***.println(barry);

*callThisMethods*(barry);

// Peyton

Name peytonName = **new** Name("Peyton", "Ellison", "Dennis");

FootballPlayer peyton = **new** FootballPlayer(peytonName, 28, "UCF Knights", "Fullback", "Defense");

System.***out***.println(peyton);

*callThisMethods*(peyton);

// Phil

Name philName = **new** Name("Phil", "Anthony", "Coulson");

Golfer phil = **new** Golfer(philName, 51, "Team Grey", "First Positon", "Walmart");

System.***out***.println(phil);

*callThisMethods*(phil);

// Wayne

Name wayneName = **new** Name("Wayne", "Anthony", "Kane");

HockeyPlayer wayne = **new** HockeyPlayer(wayneName, 24, "New Jersey Devils", "Defense", "Sher-Wood");

System.***out***.println(wayne);

*callThisMethods*(wayne);

// Carlos

Name carlosName = **new** Name("Carlos", "Luca", "Colasante");

SoccerPlayer carlos = **new** SoccerPlayer(carlosName, 25, "A.C. Milan", "5 Center Back (or Sweeper, if used)",

"Defender");

System.***out***.println(carlos);

*callThisMethods*(carlos);

}

**public** **static** **void** callThisMethods(Athlete obj) {

obj.doThis();

}

}