**YouTube tutorial 55 – Introduction to polymorphism**

**4th class-food.java:**

**public** **class** food {

**void** eat(){

System.*out*.println("this good is great");

}

}

**3rd class-potpie.java:**

**public** **class** potpie **extends** food{

**void** eat(){

System.*out*.println("This potpie is great");

}

}

**2nd class-tuna.java:**

**public** **class** tuna **extends** food{

**void** eat(){

System.*out*.println("this tuna is great");

}

}

**1st class-apples.java:**

**class** apples{

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

food bucky[]=**new** food[2];

bucky[0]=**new** potpie();

bucky[1]=**new** tuna();

**for** (**int** x=0; x<2; ++x){

bucky[x].eat();

}

}

}

**Result:**

This potpie is great

this tuna is great

**YouTube tutorial 56 – Polymorphic arguments**

**5th class-fatty.java:**

**public** **class** fatty {

**public** **void** digest(food x){

x.eat();

}

}

**4th class-food.java:**

**public** **class** food {

**void** eat(){

System.*out*.println("this food is great");

}

}

**3rd class-potpie.java:**

**public** **class** potpie **extends** food{

**void** eat(){

System.*out*.println("This potpie is great");

}

}

**2nd class-tuna.java:**

**public** **class** tuna **extends** food{

**void** eat(){

System.*out*.println("this tuna is great");

}

}

**1st class-apples.java:**

**class** apples{

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

fatty bucky = **new** fatty();

food fo = **new** food();

food po = **new** potpie();

food tu = **new** tuna();

bucky.digest(fo);

bucky.digest(po);

bucky.digest(tu);

}

}

**Result:**

this good is great

This potpie is great

this tuna is great

Code above is the continuation of the previous tutorial, explaining similar things (superclass). Self explanatory.