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| **2019년 10월 14일 실습보고서** |
| **학번 : 201810754, 이름 : 조윤직** |
| **실습자료 1 : [ticket],** |
| **소스코드** |
| //Ticket.java  package java\_1014;  public class Ticket {  protected int number;  protected double price;  public Ticket() {    }  public Ticket(int number, double price) {  super();  this.number =number;  this.price =price;  }  public int getNumber() {  return this.number;  }  public double getPrice() {  return this.price;  }  public void setPrice(double price) {  this.price=price;  }  public void setNumber(int number) {  this.number = number;  }  *@Override*  public String toString() {  return ("티켓 번호 :"+this.getNumber()+" / 가격 : "+this.getPrice());  }      }  //GeneralTicket  package java\_1014;  public class GeneralTicket extends Ticket {  boolean payBycredit;  public GeneralTicket(int number, double price, boolean payBycredit) {  super(number, price);  this.payBycredit = payBycredit;  }  public GeneralTicket(int number, double price) {  super(number, price);  }  public boolean isPayBycredit() {  return payBycredit;  }  public void setPayBycredit(boolean payBycredit) {  this.payBycredit = payBycredit;  }  *@Override*  public double getPrice() {  // **TODO** Auto-generated method stub  if(this.isPayBycredit()) {  return (super.getPrice() \*1.1) ;    }  else {  return super.getPrice();  }    }  public GeneralTicket() {  super();  }  *@Override*  public String toString() {  // **TODO** Auto-generated method stub  return super.toString()+"카드 결제";  }    }  //AdvanceTicket  package java\_1014;  public class AdvanceTicket extends Ticket {  int day;  public AdvanceTicket() {  super();  }  public AdvanceTicket(int number, double price, int day) {  super(number, price);  this.day = day;  }  public AdvanceTicket(int number, double price) {  super(number, price);  }  *@Override*  public double getPrice() {  // **TODO** Auto-generated method stub  if(this.day>30)  return super.getPrice()\*0.6;  else if (this.day>20)  return super.getPrice()\*0.7;  else if (this.day>10)  return super.getPrice()\*0.8;  else if (this.day>5)  return super.getPrice()\*0.9;  else  return super.getPrice();  }  *@Override*  public String toString() {  // **TODO** Auto-generated method stub  return super.toString()+" / 사전 예약 일수 : "+this.getDay();  }  public int getDay() {  return day;  }  public void setDay(int day) {  this.day = day;  }  public AdvanceTicket(int day) {  super();  this.day = day;  }  }  //testMain  package java\_1014;  public class testmain {    public static void main(String[] args) {  // **TODO** Auto-generated method stub  System.***out***.println("201810754 조윤직");  Ticket[] ticket =new Ticket[3];  ticket[0]= new Ticket(1,100.0);  ticket[1]=new GeneralTicket(2,100.0,true);  ticket[2]=new AdvanceTicket(3,200,51);  for(Ticket t:ticket) {  if(t instanceof AdvanceTicket) //특정 타입 인지 식별할때  System.***out***.println(t);  }  System.***out***.println(ticket[0]);  System.***out***.println(ticket[1]);  System.***out***.println(ticket[2]);  }  } |
| **실행결과** |
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