(10 pts) Convert the UML diagram into a Java class. With the exception of the constructor

and the accessor (getter) method, you may leave the method bodies empty.

public class Foo {  
   private int count;  
   private String name;  
   private boolean running;  
   public Foo(int count, String name){  
       this.count = count;  
       this.name = name;  
   }  
   public String getName(){  
       return name;  
   }  
   public void bar(){  
        
   }  
   public char myHelper(int arg){  
       return '\0';  
   }  
}

(5 pts) Convert the UML class diagram into public Java

classes; complete the constructors.

**Person.java**

public class Person {  
   private String name;  
   public Person(String name){  
       this.name = name;  
   }  
}

**Employee.java**

public class Employee extends Person {  
   private int id;  
   public Employee(String name, int id){  
       super(name);  
       this.id = id;  
   }  
}

Convert the UML class diagram into public Java classes; complete the constructors.

**Address.java**

public class Address {  
   private String street;  
   private String city;  
   public Address(String street, String city){  
       this.street = street;  
       this.city = city;  
   }  
}

**Person.java**

public class Person extends Address{  
   private String name;  
   public Person(String name, String street, String city){  
       super(street, city);  
       this.name = name;  
   }  
}

Convert the UML class diagram into public Java classes; complete the constructors.

   private double speed;  
   private MotherBoard md;  
   public CPU(MotherBoard mb, double speed){  
       this.speed = speed;  
       this.md = md;  
   }  
}

**MotherBoard.java**

public class MotherBoard{  
   private String model;  
   public MotherBoard(String model, double speed){  
       new CPU(this, speed);  
       this.model = model;  
   }  
}

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