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```
public  class Person implements Comparable<Object>{
  private String myName ;   // name of the person
  private int myAge;        // person's age
  private String myGender;  // "M" for male, "F" for female

  // constructor
  public Person(String name, int age, String gender){
    myName = name;
    myAge = age;
    myGender = gender;
  }

  public String getName(){
    return myName;
  }


      public int getAge(){
    return myAge;
  }

  public String getGender(){
    return myGender;
  }

  public void setName(String name){
    myName = name;
  }

  public void setAge(int age){
    myAge = age;
  }

  public void setGender(String gender){
    myGender = gender;
  }

  public String toString(){
     return myName + ", age: " + myAge + ", gender: " +
                    myGender;
  }


  public int compareTo(Object o) {

       Person p = (Person) o;
       int n = 0;

       if(getAge() < p.getAge())
       {
              n = -1;
       }
       else if(getAge() == p.getAge())
```

```
		{
			if(getName().compareTo(p.getName()) == -1)
			{
				n = -1;
			}

			if(getName().compareTo(p.getName()) == 0)
			{
				n=0;
			}
			if(getName().compareTo(p.getName()) == 1)
			{
				n=1;
			}
		}
		else if(getAge() > p.getAge())
		{
			n = 1;
		}
	return n;
}

}
```

```
public class TestClass {

	/**
	 * @param args
	 */
	public static void main(String[] args) {
		Person p1 = new Person("Tom", 20, "M");
		Person p2 = new Person("Carol", 19, "F");
		Person p3 = new Person("John", 12, "M");


	  //add your if statements, compareTo invocation

		if(p1.compareTo(p2) == -1 && p1.compareTo(p3) == -1)
		{
			System.out.println(p1);
			if(p2.compareTo(p3) == -1)
			{
				System.out.println(p2);
			}
			else
			{
				System.out.println(p3);
			}
			if(p3.compareTo(p2) == 1 && p3.compareTo(p1) == 1)
			{
				System.out.println(p3);
			}
			else
			{
```

```
                        System.out.println(p2);
                }

        }

        if(p2.compareTo(p1) == -1 && p2.compareTo(p3) == -1)
        {
                System.out.println(p2);
                if(p1.compareTo(p3) == -1)
                {
                        System.out.println(p1);
                }
                else
                {
                        System.out.println(p3);
                }
                if(p3.compareTo(p1) == 1 && p3.compareTo(p2) == 1)
                {
                        System.out.println(p3);
                }
                else
                {
                        System.out.println(p1);
                }
        }

        if(p3.compareTo(p1) == -1 && p3.compareTo(p2) == -1)
        {
                System.out.println(p3);
                if(p1.compareTo(p2) == -1)
                {
                        System.out.println(p1);
                }
                else
                {
                        System.out.println(p2);
                }
                if(p2.compareTo(p1) == 1 && p2.compareTo(p3) == 1)
                {
                        System.out.println(p2);
                }
                else
                {
                        System.out.println(p1);
                }
        }

    }

}
```

OUTPUT:

```
John, age: 12, gender: M
Carol, age: 19, gender: F
Tom, age: 20, gender: M


Tom, age: 5, gender: M
Carol, age: 22, gender: F
John, age: 23, gender: M


Carol, age: 2, gender: F
John, age: 6, gender: M
Tom, age: 15, gender: M
```