I.T.f

Polymorphism Example

- Carry out a Polymorphism task (T .1) or demonstrate use of Polymorphism in a program you have written.

Polymorphism is the ability of an object to take on many forms. The most common use of polymorphism in OOP occurs when a parent class reference is used to refer to a child class object.

```
public interface Talking {
                            String speak();
                         }
                                                 class Dog implements Talking
class Passenger implements Talking
  public String speak() {
                                                   private String name;
    return "speaking";
  }
                                                   public Dog(String name)
}
                                                     this.name = name;
                                                   }
                                                   public String speak()
                                                   {
                                                     return "barking";
                                                   }
```