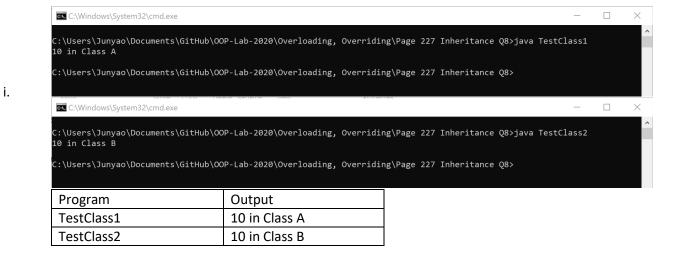
Inheritance Page 227 Exercise 4 Question 8



ii.

| Program | Method |
|------------|-------------|
| TestClass1 | Overriding |
| TestClass2 | Overloading |

iii.

| Overloading | Overriding |
|--------------------------|--------------------------|
| Must have at least two | Must have at least one |
| methods by same name in | method by same name |
| same class | in both Parent and child |
| | class |
| Must have different | Must have same |
| number of parameters | number of parameters |
| If number of parameters | Types of parameters |
| are same, then must have | also must be same |
| different types of | |
| parameters | |
| Overloading know as | Overriding knows as run |
| compile time | time polymorphism |
| polymorphism | |

Page 228 Question 5 Problem Solving

i. UML Diagram

