**Lab 11**

**Prob4.**

public static double sum(Collection<? extends Number> nums {

double s = 0.0;

for(Number num : nums) s += num.doubleValue();

return s;

}

* **A.**

List<Integer> ints = new ArrayList<>();

ints.add(1);

ints.add(2);

List<? extends Number> nums = ints;

double dbl = sum(nums);

nums.add(3.14); // The compiler error will be occurred here where extend wildcard is not allowed to add element.

* **B.**

List<Object> objs = new ArrayList<>();

objs.add(1);

objs.add("two");

List<? super Integer> ints = objs;

ints.add(3);

double dbl = sum(ints); // The compiler error will be occurred here where required a extend wildcard of Number, but found super wildcard of Number.