public class Computer{

int memory;

static int totalMemory = 0;

public Computer(int m) {

memory = m;

totalMemory += m;

}

public static int getTotalMemory() {

return totalMemory;

}

public void doubleMemory() {

totalMemory += memory;

memory \*= 2;

}

}

public class TestComputer{

public static void main(String []args){

Computer c1 = new Computer(2);

Computer c2 = new Computer(2);

Computer c3 = new Computer(8);

System.out.println("The total memory is: "+ Computer.getTotalMemory());

c3.doubleMemory();

System.out.println("The memory of Computer c3 is: " + c3.getMemory());

System.out.println("Total: " + c1.getTotalMemory());

}

}

**Output (Screen)**