**package** constructors;

// Default Constructor

**class** demo {

**public** **int** a = 0;

**public** **int** b = 0;

**public** **void** addNum() {

System.***out***.println("Sum: "+(**int**)(a+b));

}

}

// Parameterized Constructor

**class** demo1 {

**public** **int** a;

**public** **int** b;

demo1(**int** x, **int** y) {

**this**.a = x;

**this**.b = y;

}

**public** **void** addNum() {

System.***out***.println("Sum: "+(**int**)(a+b));

}

}

**public** **class** constructors {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

demo d = **new** demo();

d.a = 5;

d.b = 10;

d.addNum();

demo1 d1 = **new** demo1(5,6);

d1.addNum();

}

}