**package** methods;

**public** **class** methods {

**public** **int** add(**int** a, **int** b) {

**return** a+b;

}

**public** **int** add(**int** a, **int** b, **int** c) {

**return** a+b+c;

}

**public** **int** add(**int** ...args) {

**int** sum = 0;

**for**(**int** num: args) {

sum += num;

}

**return** sum;

}

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

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

methods m = **new** methods();

System.***out***.println(m.add(1,2));

System.***out***.println(m.add(1,2,3));

System.***out***.println(m.add(1,2,3,4,5));

}

}