**package** methodoverloading;

**public** **class** MethodOverloading {

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

**int** a = 100;

**int** b = 150;

**double** c = 22.5;

**double** d = 64.9;

**int** result1 = *minFunction*(a, b);

// same function name with different parameters

**double** result2 = *minFunction*(c, d);

System.***out***.println("Minimum Value = " + result1);

System.***out***.println("Minimum Value = " + result2);

}

// for integer

**public** **static** **int** minFunction(**int** n1, **int** n2) {

**int** min;

**if** (n1 > n2)

min = n2;

**else**

min = n1;

**return** min;

}

// for double

**public** **static** **double** minFunction(**double** n1, **double** n2) {

**double** min;

**if** (n1 > n2)

min = n2;

**else**

min = n1;

**return** min;

}

}