**package** com.example.java8.programs;

**import** java.util.Arrays;

**import** java.util.OptionalDouble;

**public** **class** AverageArray {

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

**int**[] arr = { 1, 2, 3, 4, 5, 6 };

*average*(arr);

}

**public** **static** **void** average(**int**[] arr) {

OptionalDouble optional = Arrays.*stream*(arr).average();

optional.ifPresent(avg -> System.***out***.print(avg));

}

}