```java
 1 package Utilities;
 2
 3 import static org.junit.jupiter.api.Assertions.*;
 8
 9 class testRoundRobin {
10
11     @BeforeEach
12     void setUp() throws Exception {
13     }
14
15     @AfterEach
16     void tearDown() throws Exception {
17     }
18
19     @Test
20     void test1() {
21         int[] btimes = {24, 3, 3};
22         int n  = 3;
23         int quantum = 4;
24         RoundRobin r = new RoundRobin(n, btimes, quantum);
25         assertEquals(5.66, r.averageWaitingTime(), 0.01);
26     }
27
28     @Test
29     void test2() {
30         int[] btimes = {10, 5};
31         int n  = 2;
32         int quantum = 15;
33         RoundRobin r = new RoundRobin(n, btimes, quantum);
34         assertEquals(5.00, r.averageWaitingTime(), 0.01);
35
36     }
37
38     @Test
39     void test3() {
40         int[] btimes = {5, 10};
41         int n  = 2;
42         int quantum = 15;
43         RoundRobin r = new RoundRobin(n, btimes, quantum);
44         assertEquals(2.50, r.averageWaitingTime(), 0.01);
45     }
46
47
48 }
49
```