public class SumInRange {

public static void main(String[] args) {

int[] arr = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10};

int n = arr.length;

int L = 2;

int R = 7;

int sum = calculateSumInRange(arr, n, L, R);

System.out.println("Sum of elements in the range [" + L + ", " + R + "]: " + sum);

}

public static int calculateSumInRange(int[] arr, int n, int L, int R) {

if (L < 0 || R >= n || L > R) {

System.out.println("Invalid range specified.");

return 0;

}

int sum = 0;

for (int i = L; i <= R; i++) {

sum += arr[i];

}

return sum;

}

}