**package** Question11;

**public** **class** MaximumSumOfSubArray {

**public** **static** **int** maxSum(**int** arr[], **int** n, **int** k)

{

**if** (n < k)

{

System.***out***.println("Invalid");

**return** -1;

}

**int** res = 0;

**for** (**int** i=0; i<k; i++){

res += arr[i];

}

**int** curr\_sum = res;

**for** (**int** i=k; i<n; i++)

{

curr\_sum += arr[i] - arr[i-k];

res = Math.*max*(res, curr\_sum);

}

**return** res;

}

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

{

**int** arr[] = {10, 4, 2, 11, 3, 15, 12, 8,7,9,21,14};

**int** k = 4;

**int** n = arr.length;

System.***out***.println(*maxSum*(arr, n, k));

}

}