Problem Link:

<https://leetcode.com/problems/minimum-difference-between-highest-and-lowest-of-k-scores/?envType=daily-question&envId=2025-05-07>

Solution:

#include<bits/stdc++.h>

using namespace std;

class Solution {

public:

int minimumDifference(vector<int>& nums, int k) {

sort(nums.begin(), nums.end());

int m = INT\_MAX;

for(int i = 0; i <= nums.size() - k; ++i)

{

int d = nums[i + k - 1] - nums[i];

m = min(m, d);

}

return m;

}

};