class Solution {

public int threeSumClosest(int[] nums, int target) {

Arrays.sort(nums);

int output = nums[0] + nums[1] + nums[nums.length - 1];

for(int i = 0; i < nums.length - 2; i++)

{

int j = i + 1;

int k = nums.length - 1;

while(j < k)

{

int currSum = nums[i] + nums[j] + nums[k];

if(currSum > target)

{

k--;

}

else

{

j++;

}

if(Math.abs(currSum - target) < Math.abs(output - target))

{

output = currSum;

}

}

}

return output;

}

}