**PAT乙级1083 是否存在相等的差 （20 分）**

<?Php

fscanf(STDIN, "%d", $n);

$b = array\_fill(0, $n, 0);

$c = array\_fill(0, $n, false);

$line = fgets(STDIN);

$a = explode(' ', $line);

for ($i = 0; $i < $n; $i++) {

$b[abs((int)$a[$i] - $i - 1)]++;

$c[abs((int)$a[$i] - $i - 1)] = true;

}

for ($diff = $n - 1; $diff >= 0; $diff--) {

if ($c[$diff] && $b[$diff] > 1) {

echo $diff . ' ' . $b[$diff] . "\n";

}

}

?>