**PAT乙级1082 射击比赛 （20 分）**

<?php

$max = 0;

$min = 200;

$maxid;

$minid;

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

while ($n--) {

fscanf(STDIN, "%d%d%d", $id, $x, $y);

$h = sqrt($x \* $x + $y \* $y);

if ($h > $max) {

$max = $h;

$maxid = $id;

}

if ($h < $min) {

$min = $h;

$minid = $id;

}

}

printf("%04d %04d\n", $minid, $maxid);

?>