

## Submission Detail

<b>ID</b>	#513116
<b>Problem</b>	dart ( <a href="https://ejudge.it.kmitl.ac.th/problem/2982">https://ejudge.it.kmitl.ac.th/problem/2982</a> )
<b>Username</b>	it60070183(นายธีรภัทร ไกรศรีสิริกุล) ( <a href="https://ejudge.it.kmitl.ac.th/account/1506">https://ejudge.it.kmitl.ac.th/account/1506</a> )
<b>Language</b>	Python
<b>Correctness Score</b>	100 Points
<b>Bonus Score</b>	900 Points
<b>Quality</b>	100% <a href="#">How to improve your code</a>
<b>Summary Score</b>	1000 Points
<b>Time</b>	2017-11-09 14:19:21

## Details

<b>Case 1</b> [#6719] :	<b>Passed</b>	0.04100100 sec.
<b>Case 2</b> [#6720] :	<b>Passed</b>	0.04737000 sec.
<b>Case 3</b> [#6721] :	<b>Passed</b>	0.04145200 sec.
<b>Case 4</b> [#6722] :	<b>Passed</b>	0.04354200 sec.
<b>Case 5</b> [#6723] :	<b>Passed</b>	0.04148100 sec.
<b>Case 6</b> [#6724] :	<b>Passed</b>	0.05580000 sec.
<b>Case 7</b> [#6725] :	<b>Passed</b>	0.08109400 sec.
<b>Case 8</b> [#6726] :	<b>Passed</b>	0.04158600 sec.
<b>Case 9</b> [#6727] :	<b>Passed</b>	0.04210300 sec.
<b>Case 10</b> [#6728] :	<b>Passed</b>	0.04241800 sec.

## Code

pointers=false&textReferences=false&showOnlyOutputs=false&py=3&rawInputLstJSON=%5B%5D&curlInstr=0)

```
1  """
2  PSIT - Week 12
3  Teerapat Krairisirikul (60070183)
4  """
5
6  def main():
7      """ Main function """
8      points = 0
9      for _ in range(int(input())):
10         coor_x, coor_y = tuple([abs(int(i)) for i in input().split()])
11         points += calculate_point((coor_x**2 + coor_y**2)**0.5)
12     print(points)
13
14 def calculate_point(distance):
15     """ Calculate point on dartboard """
16     if distance <= 2:
17         return 5
18     elif distance <= 4:
19         return 4
20     elif distance <= 6:
21         return 3
22     elif distance <= 8:
23         return 2
24     elif distance <= 10:
25         return 1
26     else:
27         return 0
28
29 main()
```