

I	Inviting the Eight Immortals	
	Time Limit (seconds)	1
	Memory Limit (MB)	512

The Queen Mother of Heaven held a birthday celebration and sent invitations to the Eight Immortals to attend. At the party, she had prepared divine peaches for each of the Eight Immortals as gifts. Demons learned of this and wanted to attend the party to steal the peaches for themselves. They forged invitations and disguised themselves as the Eight Immortals to enter the celebration. What the demons did not know was that each invitation contained a secret: every invitation had a unique number ranging from 1 to 500. The numbers on the invitations of the real Eight Immortals always add up to 888.

Now, a total of 25 people - a mix of the Eight Immortals and the demons have arrived at the party. Your task is to identify the real Eight Immortals among the 25 attendees. In some cases, there may be no genuine Eight Immortals at the party at all.

INPUT

A set of unique 25 numbers without order, for each number will be 1 – 500

OUTPUT

Show “Pass” if they have combination of 8 numbers that summation is 888

Show “All Evil” if they don’t have any combination of 8 numbers that summation is 888

EXAMPLE

Input	Output
276 450 106 446 313 398 251 158 116 340 101 436 4 94 377 492 445 24 362 240 253 408 165 327 110	Pass
300 444 249 7 435 463 71 106 137 321 361 149 247 446 395 189 104 226 102 492 470 150 11 493 385	Pass
453 450 133 402 498 193 148 396 364 360 359 328 113 348 211 487 41 182 248 445 345 392 459 300 363	All Evil