

```
points = [(3,7), (4,3), (2,2), (0,5)]
flag = [(-2,-5),(-2,-5),(-2,-5),(-2,-5)]
def euclideanDistance(coordinate1, coordinate2):
    return pow(pow(coordinate1[0] - coordinate2[0], 2) + pow(coordinate1[1] - coordinate2[1], 2), 0.5)
```

```
distances = []
for i in range(len(points)):
    distances += [euclideanDistance(flag[i],points[i])]
```

```
distances
```

```
min(distances)
```

