```
P1 = np.array([(-4, 8),( -7, 8),( -9, 7),( -10, 6), (-11, 4), (-11, 5), (-13, -2), (-13.5,  -3.5), (-13, -5.5),
(-12, -7), (-11, -7.5), (-10, -7.5), (-9, -7), (-9, -6), (-9.5, -5.5), (-10.5, -5.5), (-10.5, -4), (-10, -3), (-9,
-2), (-8.5, -1.5), (-7,  -1.5), (-6, -2), (-5, -4), (-3, -8), (-2, -9), (-0.5, -9), (-0.5, -7.5), (-1.5, -4.5)])
P2 = np.array([(-2.5, -4), (-0.5, -5), (-0.5, -7.5), (-0.5, -9), (1, -9), (2, -8.5), (3, -6), (4, -4), (3.5, -5),
(4.5, -4.5), (6, -4)])
P3 = np.array([ (4.5, -4.5), (4.5, -7), (5, -8), (6.5,-8), (7, -7), (7.5, -4)])
P4 = np.array([ (7, -2.5), (7.5, -4), (7.5, -7.5), (8, -8), (9.5, -8), (10, -7),(10, 1), (9.5, 3), (9, 5), (7, 7),
(5.5, 8), (2.5, 8)])
P5 = np.array([(-7, 8), (-6, 9), (-4, 10), (-2, 10)])
P6 = np.array([(-5, 7), (-4,8), (-3.5, 9), (-2, 10), (2, 9), (3, 7), (2, 4), (1, 3), (-1, 1), (-3, 0), (-4, 0.5),
(-4.5, 2)])
P7 = np.array([ (7, 7), (9,6), (11, 4), (12, 2), (12, 0.5), (11.5, -0.5), (12, -1), (12, -2), (11.5, -1.5), (11,
-2), (10.5, -1.5), (11, 0), (11.5, 1), (11.5, 2), (11, 3), (10, 4), (9, 5)])
P8 = np.array([(-7.5, 4), (-8, 4.5), (-8.5, 4), (-8, 3.5), (-7.5, 4)])

P = {"P1": P1,
     "P2": P2,
     "P3": P3,
     "P4": P4,
     "P5": P5,
     "P6": P6,
     "P7": P7,
     "P8": P8}
```