```
P1 = np.array([(-8.5, -3), (-12, 3), (-13.5, 7), (-13.5, 8.5), (-12.5, 9), (-11, 8.5), (-8, 5.5), (-5, 3.5)])
P2 = np.array([(5, 3), (4, 6), (4, 14), (5, 15), (5.5, 16), (5, 17.5), (3.5, 17.5), (2, 16.5), (0, 14), (-1.5, 12), (-2.5, 11.5), (-2, 11.5), (-2, 11), (-1.5, 11), (-2, 10), (-3, 9.5), (-3, 9), (-4.5, 8), (-4.5, 7), (-4, 5.6), (-5, 3.5), (-8.5, -2), (-9, -3), (-10, -5), (-9, -6), (-7, -8), (-4, -9), (-1, -9.5), (1, -9.5), (4, -8.5), (6, -7.5), (8, -6), (7, -3)])
P3 = np.array([(3.5, 1.5), (5, 3), (9, 6), (12.5, 8), (13.5, 7.5), (13.5, 7), (13, 5), (11, 2), (7, -3), (6, -4.5)])
P4 = np.array([(-10, -5), (-10, -6), (-8.5, -7.5), (-7, -9), (-4, -10), (-1, -10.5), (1, -10.5), (4, -9.5), (6, -8.5), (8, -7), (8, -6)])
P5 = np.array([(-10, -6), (-10, -8), (-8.5, -11.5), (-6, -13), (-3.5, -14), (-0.5, -14.5), (-0.5, -15.5), (0.5, -16), (3, -16), (4, -16), (5, -15.5), (6, -15), (5.5, -13), (7, -11), (8, -8), (8, -7)])
P6 = np.array([(-8.5, -11.5), (-9, -13.5), (-8, -14.5), (-7, -15), (-5, -15.5), (-4.5, -15.5), (-3.5, -15), (-3.5, -14)])
P7 = np.array([(-8, -14.5), (-8, -16), (-7.5, -17), (-7, -18), (-6, -18), (-4.5, -16.5), (-4.5, -16.5)])
P8 = np.array([(0.5, -16), (1, -18), (2, -19), (3.5, -19), (4, -18), (4.5, -17), (5, -15.5)])
P9 = np.array([(-1.5, 11), (-0.5, 11.5), (-1, 11.5), (-0.5, 12), (-1.5, 12)])
P10 = np.array([(0, 11), (0.5, 11), (0.5, 11.5), (2, 11), (1.5, 10.5), (2, 10), (0, 11)])
P11 = np.array([(-4, 5.5), (-3, 4.5), (-2, 5), (-1.5, 6), (-1.5, 8), (-1, 9), (0.5, 9.5), (1.5, 9), (2, 7.5), (1.5, 6.5), (1, 5.5), (0, 4.5), (-1, 5), (-1.5, 6)])
P12 = np.array([(-1, 9), (-2, 10)])
P13 = np.array([(1.5, 5), (2, 4.5), (3, 4)])
P14 = np.array([(2, 4.5), (1, 4), (-0.5, 3.5), (-2, 3), (-4, 3.5), (-3.5, 2.5), (-4, 1.5), (-5, 0.5), (-4, -0.5), (-1.5, -0.5), (0, 0), (1, 1), (2, 3), (2, 4.5)])
P15 = np.array([(0.5, 1.5), (0.5, 1), (-0.5, 0.5), (-1.5, 0), (-3.5, 0), (-3.5, 0.5), (-2.5, 1), (-1.5, 1), (-1, 1), (0.5, 1.5)])
P16 = np.array([(-8.5, -7.5), (-8.5, -9), (-8, -10), (-7, -9.5), (-7, -10), (-7.5, -10.5), (-7.5, -11), (-7, -11.5), (-6, -12), (-4.5, -12), (-4.5, -11), (-4, -10.5), (-3.5, -11), (-3.5, -11), (-3, -12), (-2, -11.5), (-1, -10.5)])
P17 = np.array([(7, -11), (5.5, -10.5), (4, -11), (3.5, -12.5), (5, -13.5), (4.5, -14), (3.5, -13.5), (3, -14), (3, -16)])
P18 = np.array([(-5.5, -6.5), (-5.5, -7.5), (-5, -8), (-4, -8), (-3.5, -7.5)])
P19 = np.array([(-4.5, -6.5), (-5, -7), (-4.5, -7.5)])
P20 = np.array([(-2.5, 8), (-3, 7.5), (-2.5, 7), (-2, 7.5), (-2.5, 8)])
P21 = np.array([(0, 7.5), (-0.5, 7), (0, 6.5), (0.5, 7)])

P = {"P1": P1,
    "P2": P2,
    "P3": P3,
    "P4": P4,
    "P5": P5,
    "P6": P6,
    "P7": P7,
    "P8": P8,
    "P9" : P9,
    "P10": P10,
    "P11": P11,
    "P12": P12,
    "P13": P13,
    "P14": P14,
    "P15": P15,
    "P16": P16,
    "P17": P17,
```

"P18": P18,
"P19": P19,
"P20": P20,
"P21": P21}