```
P1 = \text{np.array}([(8, 30), (8, 28), (9, 29), (8, 30), (7, 30), (7, 27), (8, 28), (9, 28), (11, 26), (11, 24),
(12, 23), (14, 23), (14, 25), (13, 25), (13, 26), (12, 27), (12, 29), (13, 30), (14, 30), (16, 28), (16, 27),
(18, 27), (19, 26), (19, 25), (18, 24), (18, 23), (16, 21), (16, 20), (15, 19), (14, 19), (13, 19), (12, 20),
(11, 19), (8, 19), (7, 20), (7, 22), (8, 23), (7, 24), (7, 27)]
P2 = np.array([(13, 30), (12, 31), (10, 31), (10, 29), (11, 30), (12, 30), (10, 32), (9, 32), (9, 29)])
P3 = \text{np.array}([(10, 25), (9, 26), (8, 25), (8, 24), (9, 23), (10, 23), (10, 25), (8, 24)])
P4 = np.array([(11, 24), (12, 25), (13, 25)])
P5 = \text{np.array}([(16, 26), (15, 26), (15, 27), (14, 28), (13, 28), (13, 26), (14, 27), (15, 26), (14, 25),
(13, 26)
P6 = \text{np.array}([(13, 20), (14, 21), (15, 21), (15, 20), (13, 20), (12, 21), (14, 22), (15, 23), (15.5, 24),
(15.5, 25), (16, 25), (15, 25)
P7 = \text{np.array}([(10.5, 22.5), (10.5, 22), (10, 21.5), (10.5, 22), (12, 21.5), (13, 21.5)])
P8 = np.array([(11, 22), (11, 21), (12, 21)])
P9 = np.array([(15, 21), (15, 23), (15.5, 22.5), (16, 23), (15.5, 24)])
P10 = \text{np.array}([(16, 21), (17, 21), (18, 20), (20, 20), (22, 18), (22, 16), (23, 17), (24, 16), (23, 15),
(24, 15), (24, 14), (23, 13), (23, 14), (22, 15), (21, 14), (20, 15), (21, 15), (21, 16), (20, 16), (19, 17),
(18, 17), (17, 16), (17, 12), (18, 11), (18, 4), (17, 3), (17, 2), (16, 1), (14, 1), (13, 2), (12.5, 3), (13, 12), (13, 14), (14, 15), (15, 16), (17, 16), (17, 16), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11), (18, 11),
2), (13, 1), (12, 0), (11, 0), (11, 2), (12, 3), (12, 5), (13, 6), (14, 6), (15, 7), (15, 8), (16, 9), (16,
17.5)])
P11 = \text{np.array}([(16, 20), (17, 20), (16, 19), (17, 18), (17, 17), (16, 16)])
P12 = np.array([(14, 19), (15, 18), (15, 17)])
P13 = \text{np.array}([(12, 20), (12, 19), (11, 18), (12, 18), (11, 17), (11, 16), (12, 17), (12, 14), (9, 11), (9, 11), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18), (11, 18
10), (8, 9), (8, 7), (9, 6), (11, 6), (12, 5), (12.5, 4)])
P14 = \text{np.array}([(10, 19), (7, 16), (6, 16), (3, 13), (2, 13), (1, 14), (0, 13), (0, 12), (1, 11), (5, 11), (6, 16), (1, 11), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12), (1, 12),
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(3, 9), (5, 7), (8, 7)]
P15 = np.array([(4, 11), (3, 10), (3, 9)])
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}
```

