

```

P1 = np.array([(10,25) , (9,27.5) , (8.5,29) , (8,30.5) , (8,31) , (8,31.5) , (8.5,32) , (9.5,31.5) ,
(10,30.5), (11,29.5) , (12,29) , (13,27.5) , (13,26) , (11,26) , (10,25)])
P2 = np.array([(11,26) , (10,28) , (9,29.5) , (8.5,30.5) , (8,31)])
P3 = np.array([(13,26) , (13.5,26) , (14.5,26) , (15.5,25.5) , (17,26.5) , (18.5,27) , (19.5,28),
(20,29) , (17,27.5) , (15.5,27) , (14.5,26)])
P4 = np.array([(13.5,26) , (14,27.5) , (15,28.5) , (16,29) , (18,29.5) , (20,30) , (20.5,29.5) ,
(20.5,27.5) , (19.5,26.5) , (18,25.5) , (16.5,25.5) , (16,25) , (15.5,25.5)])
P5 = np.array([(9.5,22) , (10,22) , (11,22) , (11,23) , (10.5,23.5) , (10,22) , (10,23.5) , (10.5,24) ,
(11.5,24) , (11,22) , (11.5,22)])
P6 = np.array([(11.5,22) , (12,22.5) , (13,22.5) , (14,22) , (14.5,22) , (16,22) , (15.5,23) ,
(15.5,23.5) , (15,23) , (14.5,22) , (14.5,22.5) , (15,24) , (16,23.5) , (16,22) , (16.5,21.5)])
P7 = np.array([(11.5,22) , (10.5,21.5) , (11,20.5) , (11.5,20) , (12,20) , (12.5,19.5) , (13,19.5) ,
(13.5,20) , (12.5,20.5) , (12,20)])
P8 = np.array([(12.5,20.5) , (12.5,21) , (12,21.5) , (12.5,22) , (13.5,21.5) , (12.5,21)])
P9 = np.array([(11.5,20) , (12,19) , (13,18.5) , (13.5,19) , (14,20) , (13.5,20)])
P10 = np.array([(14,20) , (14.5,20.5) , (15,21) , (14,22)])
P11 = np.array([(12,18) , (13,17.5) , (13.5,18)])
P12 = np.array([(10,25) , (9.5,24) , (9,23) , (8.5,22) , (7.5,21.5) , (7.5,20.5) , (8,19) , (9.5,17.5) ,
(11,17) , (12.5,16.5) , (13.5,16.5) , (15,17) , (16.5,17.5) , (17.5,18) , (18,19) , (18.5,20) ,
(18.5,20.5) , (18,21.5) , (17.5,22.5) , (17,23.5) , (16.5,24.5) , (16,25)])
P13 = np.array([(9.5,17.5) , (8.5,16) , (8,14.5) , (7.5,15) , (7,14) , (7.5,14) , (8,13) , (8,14.5)])
P14 = np.array([(10.5,16.5) , (12,16) , (14,16) , (15,16) , (15.5,15.5) , (16,15) , (16,14) ,
(14.5,14.5)])
P15 = np.array([(16,14) , (15.5,13) , (15,12.5) , (14.5,12.5) , (13,14)])
P16 = np.array([(14.5,12.5) , (13.5,12) , (13,12.5) , (12,13.5)])
P17 = np.array([(13,12.5) , (12,13) , (10,12) , (9.5,14) , (8,13)])
P18 = np.array([(15,16) , (15.5,17) , (16.5,17.5) , (18,17) , (18.5,16.5) , (19,15.5) , (19.5,14) ,
(18.5,14.5) , (19,15.5)])
P19 = np.array([(18.5,14.5) , (18,14.5) , (18.5,16)])
P20 = np.array([(18,14.5) , (17,14.5) , (17,16.5)])
P21 = np.array([(17,14.5) , (16.5,15) , (15.5,15.5) , (16.5,17)])
P22 = np.array([(7,14) , (6.5,11.5) , (6.5,10.5) , (12,10) , (14,10) , (17,10.5) , (19,11.5) , (20.5,12.5) ,
(19.5,15) , (19,15.5)])
P23 = np.array([(6.5,10.5) , (7,9) , (9,8.5) , (12,8) , (16,8.5) , (19,9.5) , (20.5,10.5) , (20.5,12.5)])
P24 = np.array([(7,9) , (7.5,7) , (9,4.5) , (10,4.5) , (11,5) , (12.5,4.5) , (13.5,4) , (15,5) , (16.5,4) ,
(19,6) , (20,7.5) , (20.5,9.5) , (20.5,10.5)])

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P25 = np.array([(9,4.5) , (10,3.5) , (11,4) ,  
(13.5,3) , (15,4) , (16,3.5) , (17,3.5) , (18.5,5) ,  
(19,6)])  
P26 = np.array([(10,3.5) , (13,2.5) , (14,2.5) ,  
(16,3) , (17,3.5)])
```

```
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,  
     "P22" : P22,  
     "P23" : P23,  
     "P24" : P24,  
     "P25" : P25,  
     "P26" : P26}
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