Predict

	a	b	c	d	e	f	g	h	i	j	k
a	158	0	0	0	0	0	0	0	0	0	5
b	0	28	0	0	0	0	0	0	0	0	0
c	0	0	140	25	0	1	2	1	0	0	4
d	0	0	10	75	0	0	0	0	0	0	0
e	0	0	0	0	32	0	0	0	0	0	0
f	0	0	0	0	0	47	0	0	0	0	0
g	0	0	0	1	0	0	31	0	0	0	0
h	0	0	0	0	0	0	0	32	0	0	0
i	0	0	0	0	0	0	0	0	0	0	0
j	0	0	0	0	0	0	0	0	0	0	0
k	6	0	3	2	0	0	3	0	0	0	46

 $\begin{array}{lll} a = Flat, & b = Shed, & c = Gable, & d = Hip, & e = Hex, & f = Pyramid, \\ g = Mansard, & h = Curve, & i = Gambrel, & j = Dome, & k = Unknown \end{array}$