The dataset with distance,

rekner hei	lucaso of	or moderal	: sxt- /			c
age 1	income	distance				
21	60	a 1	5			
2 D	55	. .				
22	60	c				
22	61	d				,
70 23 100	10/0/65/2001	me o	ve tak			5
21	62	£	-	: B	,	2
25	65	8	083	2 40		~
30	70	h	IV.			
31	68					

We have to predict the income value of a given age 22. Now, calculate the distances between the ages of the given dataset nicon=(60+60+61)/3 with 22.

$$a = |22 - 21| = 1$$

$$a = |22 - 21| = 1$$
 $g = |22 - 25| = 3$

$$b = |22-20| = 2$$
 $h = |22-30| = 8$

$$h = |22 - 30| = 8$$

$$C = |22 - 22| = 0$$
 $i = |22 - 31| = 9$

After sording the distance in ascending order, we get, c, d, a, e, f, b, g, h, i

As, k=3, we take 3 nearcest neighbors of 22 and they ane:

age	income		
21	.60		
22	60		
22	61		

We have to predict the income value of a given age Now, calculate the mean of the incomes above:

mean =
$$(60+60+61)/3$$

E= |60.33 1 = |12-29| = 0

This mean is the predicted income of age 22.

.. The predicted income of 22 is 60.33. (Answer)

1 -105 881 -7

Other the July with me