Given the following dataset

	HR	BP	Temp
Patient-1	76	126	38.0
Patient-2	74	120	38.0
Patient-3	72	118	37.5
Patient-4	78	136	37.0

Code the following:
1. Which patient is farthest from the rest?
2. Which two patients are nearest?
4. Create a new dummy patient, and then find which is the closest patient?

Upload your code to your github ALA assignments repo

1. What is the time complexity of this operation of finding the closest two and farthest patients? Specify using BigO notation.
2. Can you name one practical use of such a simple technique when about 100s of features are available and thousands of patient data is available?