

## ::HammingDistance

+asciiCodes = new int[4]: int[]

+stationID: String

+hd: int

+stationList: ArrayList<String>

+HammingDistance(): ctor

+getStationID(String station): String

+getStation(): String

+calcHammingDistance(String a, String b): int

+getDistances(int hamDist, String station, ArrayList<String> stationList): int[]

+getStations(int hamDist, String station, ArrayList<String> stationList): String[]

## ::Frame

-hamDistLable: JLabel
-hamDistField: JTextField
-hamDistSlide: JSlider
-showButton: JButton
-outputArea: JTextArea
-scrollPane: JScrollPane
-compareLabel: JLabel
-c1: JComboBox<String>

-calcHD: JButton -distance0: JLabel -distance1: JLabel -distance2: JLabel -distance3: JLabel

-distance4: JLabel

-distance0Field: JTextField -distance1Field: JTextField -distance2Field: JTextField

-distance3Field: JTextField-distance4Field: JTextField

-addStation: JButton

-addedStation: JTextField

-look: JLabel -at: JLabel -these: JLabel -rainbow: JLabel -colored: JLabel -labels: JLabel

-stationList: ArrayList<String>

+Frame(): ctor

+stateChanged(ChangeEvent e): void +actionPerformed(ActionEvent e): void