



# 01 Introduction



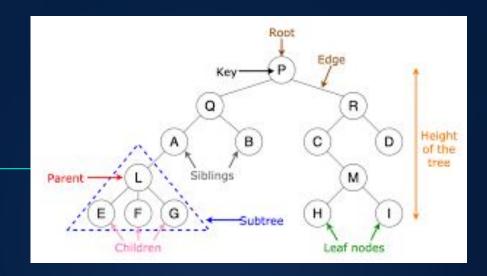




## What is a Binary Tree?

### **Binary Tree**

A binary tree is a data structure which is used for storing data in an organized way.

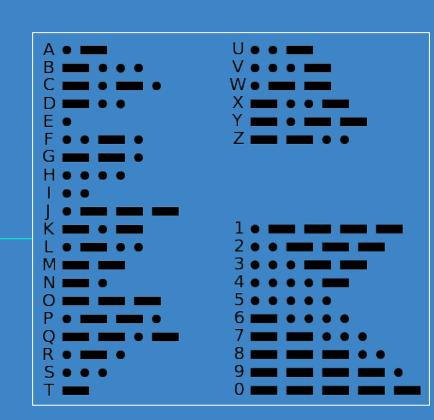




#### What is Morse Code?

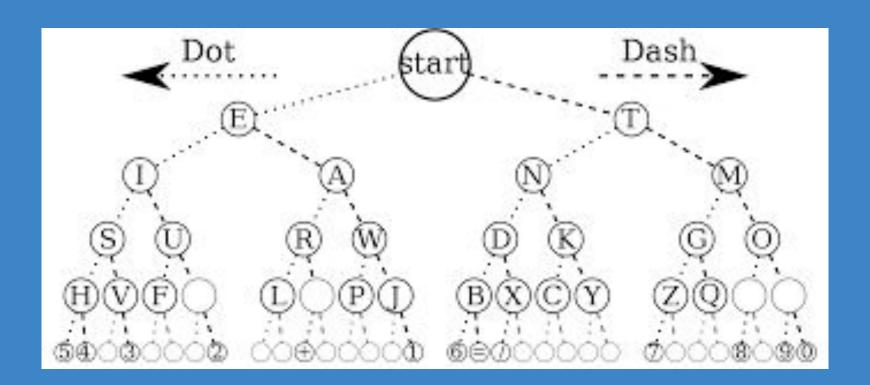
#### **Morse Code**

Morse Code is a way of sending messages without using any letters. Morse code uses dots and dashes to show letters, numbers, and punctuation.





```
int i;
DataTable[0] = ".-"; DataTable[1] = "-...";
DataTable[2] = "-.-."; DataTable[3] = "-..";
DataTable[4] = "."; DataTable[5] = "..-.";
DataTable[6] = "--"; DataTable[7] = "....";
DataTable[8] = ".."; DataTable[9] = ".---";
DataTable[10] = "-.-"; DataTable[11] = ".-..";
DataTable[12] = "--"; DataTable[13] = "-.";
DataTable[14] = "---"; DataTable[15] = ".--.";
DataTable[16] = "--.-"; DataTable[17] = ".-.";
DataTable[18] = "..."; DataTable[19] = "-";
DataTable[20] = "...-"; DataTable[21] = "...-";
DataTable[22] = ".--"; DataTable[23] = "-..-";
DataTable[24] = "-.--"; DataTable[23] = "--..";
DataTable[0] = ".-"; DataTable[25] = "-...";
```





Insert coded message:
=== .== = === = =
Morse coded message is:
Message in English is: MORSE CODE USES DOTS AND DASHES TO SHOW THE LETTERS
Continue(y/n)?:y

#### morse code

text

morsecodeusesdotsanddashestoshowtheletters

