

```

44     def set_pointB(self, n, value):
45         """Function that converts a normal trace into
float on a Binary storage. This codification uses 4 bytes.
46         The codification is done as follows:
47             7   6   5   4       3   2   1   0
48         Byte3  SGM SGE E6  E5      E4  E3  E2  E1
SGM - Signal of Mantissa: 0 - Positive 1 - Negative
49         Byte2  E0  M22 M21 M20      M19 M18 M17 M16
SGE - Signal of Exponent: 0 - Positive 1 - Negative
50         Byte1  M15 M14 M13 M12      M11 M10 M9  M8          E[
6:0] - Exponent
51         Byte0  M7  M6  M5  M4      M3  M2  M1  M0          M[
22:0] - Mantissa.
52
53         :param n:      the point to set
54         :param value:  the Value of the point being set."""
55
56         self.data[n] = unpack("f", value)[0]
57
58     def __str__(self):
59         if isinstance(self.data[0], float):
60             # data = ["%e" % value for value in self.data]
61             return "name:'%s'\ntype:'%s'\nlen:%d\n%s" % (
self.name, self.type, len(self.data), str(self.data))
62         else:
63             data = [b2a_hex(value) for value in self.data]
64             return "name:'%s'\ntype:'%s'\nlen:%d\n%s" % (
self.name, self.type, len(self.data), str(data))
65
66     def get_point(self, n):
67         return self.data[n]
68
69     def get_wave(self):
70         return self.data
71
72
73 class Axis(DataSet):
74     """This class is used to represent the horizontal axis
like on a Transient or DC Sweep Simulation."""
75
76     def __init__(self, name, datatype, datalen):
77         super().__init__(name, datatype, datalen)
78         self.step_info = None
79
80     def set_pointB(self, n, value):

```