1. The number of bytes per sector is.

    - Take range 11-12.
    - Convert into big Indian.
    - Then take the decimal 16 into power.

Ex:

(11 – 12) Range

00 02 Litle Indian

0 2 0 0 Big Indian

After converting it decimal (16) = 512

2. The number of sectors per cluster is.

    - Take range 13 – 13.
    - After converting it into big Indian same value
    - Then take the decimal 16 into power.

Ex:

(13 – 13) Range

20 Litle Indian

20 Big Indian

After converting it decimal (16) = 32

3. The size in sectors of the Reserved Area is.

    - Take range 14 – 15.
    - After converting it into big
    - Then take the decimal 16 into power.

Ex:

(14 – 15) Range

02 00 Litle Indian

00 02 Big Indian

After converting it decimal (16) = 2

4. The number of FATs is.

    - Take range 16 – 16.
    - After converting it into big Indian same value
    - Then take the decimal 16 into power.

Ex:

(16 – 16) Range

02 Litle Indian

02 Big Indian

After converting it decimal (16) = 2

5. The size in sectors of the partition is.

    - Take range 19 – 20 if the values over there is zero then take the range 32 – 35.
    - After converting it into big Indian
    - Then take the decimal 16 into power.

Ex:

(19 – 20) Range 0 value then take.

(32 – 35)

E0 DF 1D 00 Litle Indian

00 1D DF E0 Big Indian

After converting it decimal (16) = 1957856

6. The size in sectors of each FAT is.

    - Take range 22 – 23.
    - After converting it into big Indian same value
    - Then take the decimal 16 into power.

Ex:

(22 – 23) Range

EF 00 Litle Indian

00 EF Big Indian

After converting it decimal (16) = 239

7. The number of sectors before the start of the partition is.

    - Take range 28 – 31.
    - After converting it into big Indian same value
    - Then take the decimal 16 into power.

Ex:

(28 – 31) Range

20 00 00 00 Litle Indian

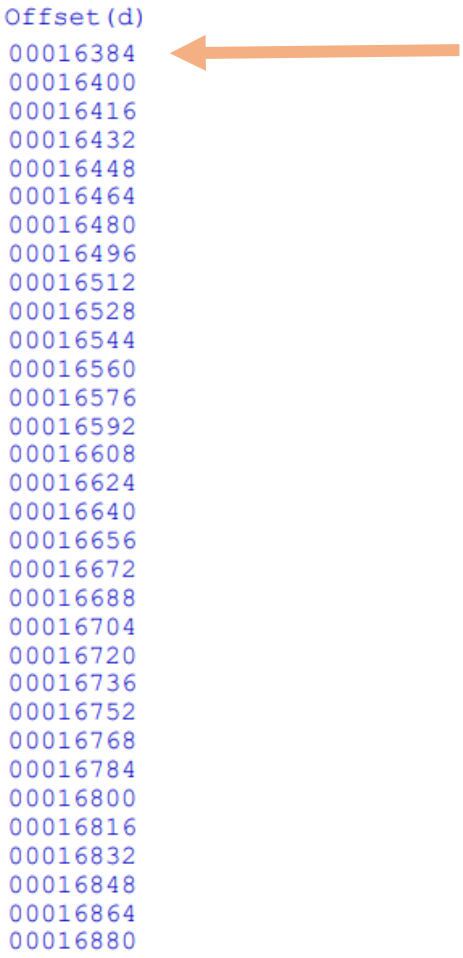
00 00 00 20 Big Indian

After converting it decimal (16) = 32

8. Does this value match the offset in the disk of the start of the partition? (answer yes or no)

- For this you must multiply two values

  The number of sectors before the start of the partition (32) * the number of bytes per sector (512) = 16384



If the output equal to 1 st value shown above picture then the answer is = yes

9. The first FAT starts at sector number.

   The size in sectors of each FAT is (32) + The size in sectors of the Reserved Area is (2) = 34

10. the second FAT starts at sector number.

    The first FAT starts at sector number (34) + The size in sectors of each FAT is (239) = 273

11. the Root Directory starts at sector number.

    the second FAT starts at sector number. (273) + The size in sectors of each FAT is (239)

    = 512