3. Rounding off of floating point numbers.

1) The five rounding rule are.

Round to marest, - Rounde to the nearest value, if the number is midway, it, is rounded to rearest value with an even least significant Ex: +2.5 -> 2.0 3.5 -> 4.0

@Round to warest, ties away from zero - Rounds to the nearest value; if the number falus (for positive numbers) and nearest below value for negative nuber.

En - +2.5 => 3.0 +3.5 => 4.0 -3.5 => =4.0 -2.5 => -3.0

Round towards of the number such that The value is close to 0 our number line, Ex: -31.5 = -3.0 +2.5 = 2.0

Round off towards too': Round of towards posttive

Pound off bowards. '-D' found off towards '-D'

Round off towards $-\infty'$ - Direct rounding off towards negative infinity (flooring)

Ex - 3.5 => -4.0 2.5 => 2.0.

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