

anything bigger than ∞ gets mapped to NaN
 ↑ not a number.

For $-\infty$ just set the sign bit

For -NaN set the sign bit (weird).

```
julia> bitstring(Inf)
"0111111111110000000000000000000000000000000000000000000000000000"
```

Sign | Exponent | f = 0
all 1's
mean ∞

```
julia> bitstring(-Inf)
"1111111111100000000000000000000000000000000000000000000000000000"
```

only sign bit is different

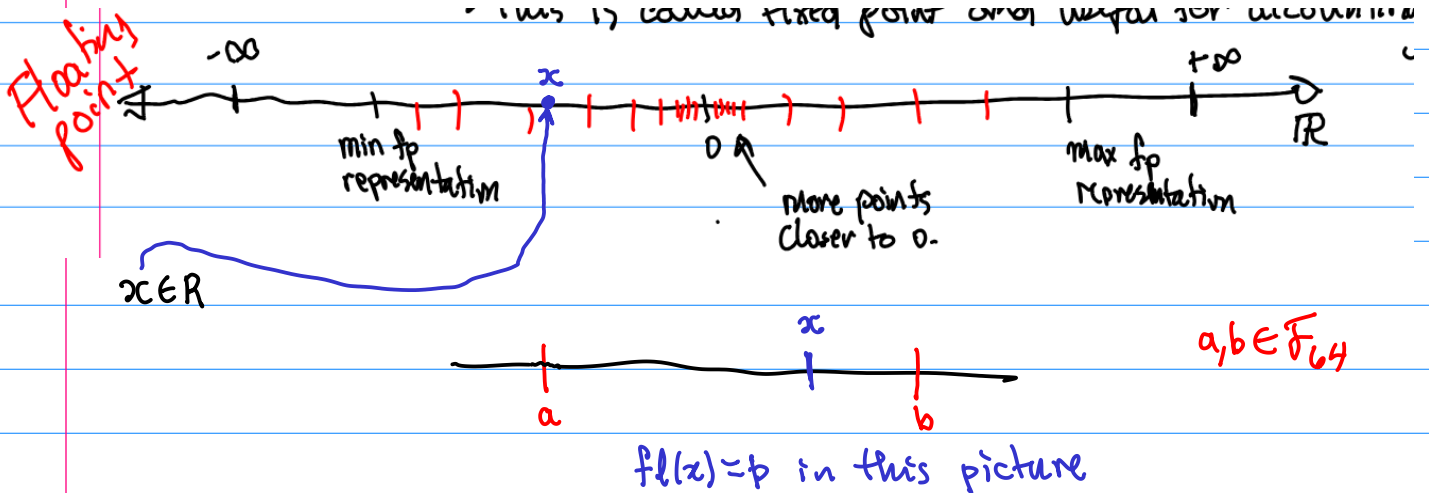
```
julia> bitstring(NaN)
"0111111111111000000000000000000000000000000000000000000000000000"
```

sign | exponent | $f \neq 0$

[illegible]

```
julia> -NaN
NaN
```

Julia does not print the sign information for NaN



On a tie round to even so that $d_{52}=0$.

Next time relative and absolute error, overflow,