

- 5) What would be the smallest positive normalized 32-bit IEEE 754 floating point value?
- 6) How would you add two IEEE 754 floating point numbers?
- 7) How would you multiply two IEEE 754 floating point numbers?
- 8) Consider adding 1.011×2^{40} and 1.01×2^5 .
- a) How many places does the second number's mantissa get shifted?
- b) After we add these two numbers and store the results back into a 32-bit IEEE 754 value, what would be the result?