## Assignment3

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## 1

```
\begin{split} & dec\_digit = 0|1|...|9 \\ & hex\_digit = dec\_digit|a|...|f|A|...|F \\ & exp = p|P \\ & suff = f|F|l|L|\epsilon \\ & sign = +|-|\epsilon \\ & hex = (hex\_digit)(hex\_digit)^* \\ & hex\_floating\_point = (0x|0X)(hex|hex.hex|.hex)(exp)(sign)(dec\_digit)(dec\_digit)^*(suff) \end{split}
```