EECS2011 Fundamentals of Data Structures
(Winter 2022)

Q\&A - Week 1 Lecture

Thursday, January 20

Announcements

- Lecture W2 released

- Background Study on Java Generics
- Q\&A materials from yesterday

Problem: Counting the Number of Primitive Operations





$$
\begin{aligned}
& \operatorname{mput} \leadsto{ }^{\prime 01} a(b)^{23} c^{\prime \prime} \quad \text { atput } \longrightarrow "\left(b^{\prime \prime}\right) \\
& p B \text { (input) }
\end{aligned}
$$

$$
\begin{aligned}
& \downarrow \quad c==c^{\circ} \mathrm{C} \text {. }
\end{aligned}
$$

$$
\begin{aligned}
& \downarrow \mathrm{C}=\stackrel{\bullet}{6} \\
& \text { PBH (input, (2) , twée, "C") } \\
& \mathrm{PBH}\left(\underset{\downarrow}{\operatorname{roph}},(3) \rightarrow \text { twe }, "\left(b^{\prime \prime}\right)\right. \\
& \text { return " }\left(b^{\prime \prime}+"\right)^{\prime}
\end{aligned}
$$

