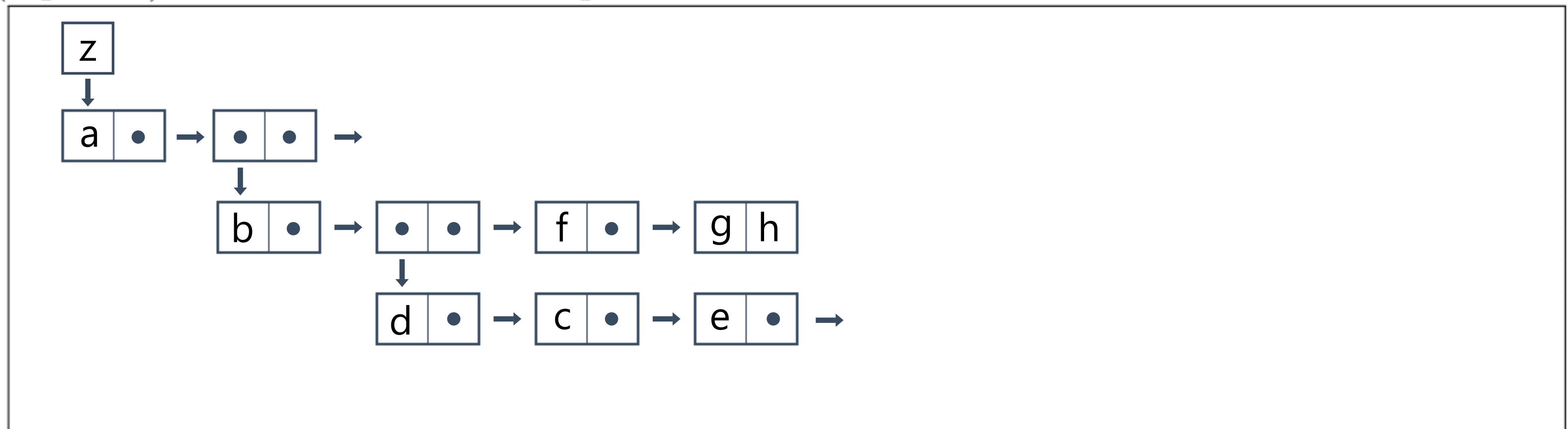


- ii. (2 points) Draw the linked list representation of **z**.



- iii. (2 points) Give the command to display **c**.

```
(cadadr (cadr z))
```

3. Write the sequence of **car** and **cdr** function calls that will pick the symbol **CS124** from the following lists. Assume that the name of the list is **subjects**.

- (a) (2 points) ; (cs127 (cs131 cs130) ((cs141 (cs123 cs124))))

```
(cadadr (caaddr list))
```

- (b) (2 points) ; (cs161 (cs123 (cs127 (cs125 cs124 cs161) cs142)))

```
(cadadr (caaddr list))
```

- (c) (3 points) ; ((cs141 cs123 (cs128 (() . cs124)) cs165) cs22 cs21)

```
(cdadar (cddar list))
```