

```

struct dynArrIterator {
    struct dynArray *dy;
    int currentIndex;
}

void dynArrIteratorInit (struct dynArray *dy, struct dynArrIterator *itr) {
    itr->dy = dy;
    itr->currentIndex = 0;
}

int dynArrIteratorHasNext (struct dynArrIterator *itr) {
    return itr->currentIndex < itr->dy->size;
}

TYPE dynArrIteratorNext (struct dynArrIterator *itr) {
    return itr->dy->data[itr->currentIndex++]; /* Increments After access */
}

void dynArrIteratorRemove (struct dynArrIterator *itr) {
    itr->currentIndex = itr->currentIndex - 1; /* back up one position */
    dynArrRemoveat(itr->dy, itr->currentIndex); /* remove it, now pointing to next
val */
}

```