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#include <stdio.h>

/* *** This typedef will change in BFP2.CPP. */
typedef int (* nextIntFunc)(int lastInt);

void printInt(nextIntFunc nextInt) {
    int value = 0;

    while ((value = (*nextInt)(value)) != 0)
    /*
     * Could also use newer style:
     * while ((value = nextInt(value)) != 0)
     */
        printf ("%d\n", value);
}

FILE * intFile;

int readFile(int lastInt) {
    int nextInt;

    if (fscanf(intFile, "%d", &nextInt) == 1)
        nextInt += lastInt;
    else
        nextInt = 0;

    return (nextInt);
}

int main() {
    intFile = fopen ("INT.DAT", "r");

    /* *** Call to printInt() will change in BFP2.CPP. */
    printInt (readFile);
    fclose (intFile);

    return (0);
}
```