

By value use cases:

\* everything else.

Avoids certain side effects. Terminology; actual parameter; the vortable passed into the function from "the outside". E.s. 2 above in maint). formal parameter: the variable in the parameter list in the function. [.s. x above in f,5. By value: formal param is a copy to actual By reference: formal paran is a synonym & actual Common trick: use const by ref. to efficiently emulate a by value call. New topic: Vectors. Motorating example: read interes from Stdin + print them in reverse order: edo {1. 10} \. / program

Issue, requires a non-constant of A

variables — can't print any thing

until we've stored every thing.

vector is a sequence of variables

of homogeneous type.

it can expand to store as

many variables as you need,

A you need not know a

bound at compile time.

Vector (int) /;

vector v; // wont corpile.

V. push back(7);

V. push back (11);

V. push back (123);

for (i=0, i< v.size(); i++){

int n; // for input

vector <int> V;

while (cin >> n) {

v. push-back(n);

for (int i = v. size()-1; i>-0;

cout << v c i 3 << 'n';