Assertion

A logical expression that must always be true at a given point in a program.

1/2...3 Hoan notation

Used to check if logical flow of program is correct

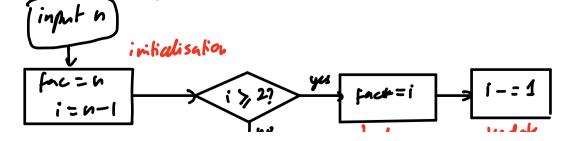
Demorgan's Law

boping Statements

Compresent of a looping stakement:

- · bop body
- · loop initialisation
- · loop wydak
- · Turning and how! when to stop repeating
- · Loop invariant

Factorial Loop



for loop structure

for (initialize; condition; updak)?

body;

3

while bop

initialini,
while (condition) {

body 4 updaki,
3

do-while loop

initialize

do {

bods & up dak;

while (Londikon);

A do-while loop ensure that the body is executed at least once loop invariant

An arretion of the loop.