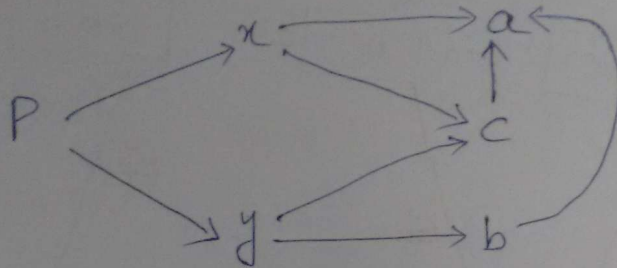
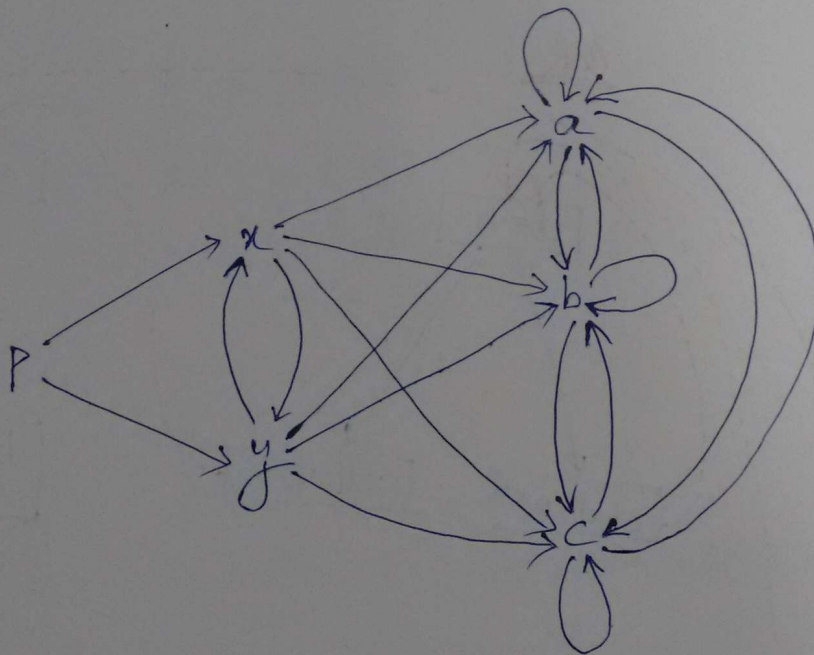


1. a & b

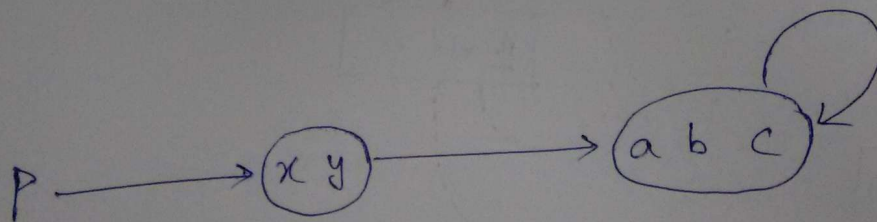
Flow Insensitive Subset - based Points - to Analysis



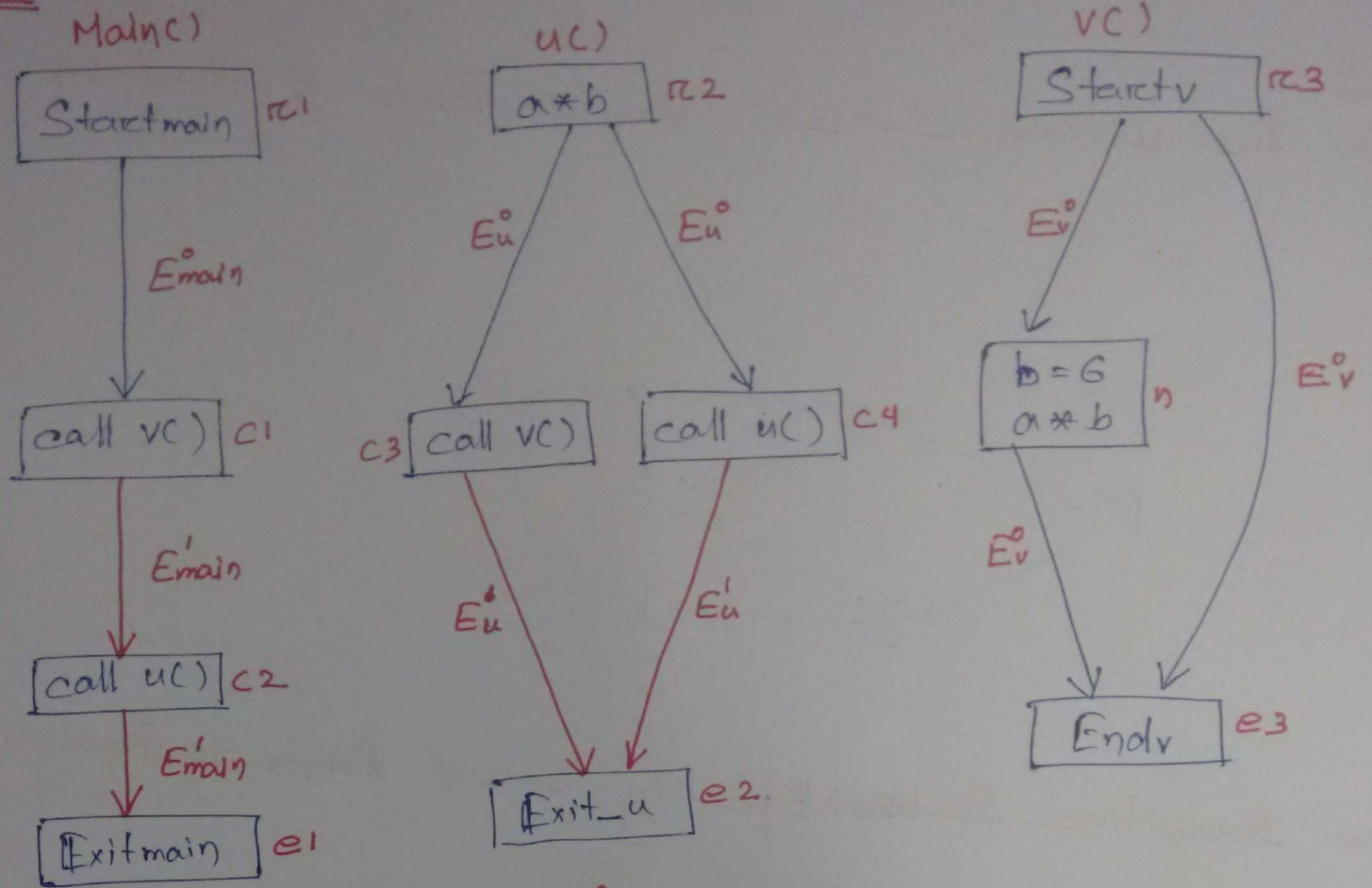
Flow Sensitive ~~Subset~~ Equality - based Points - to Analysis



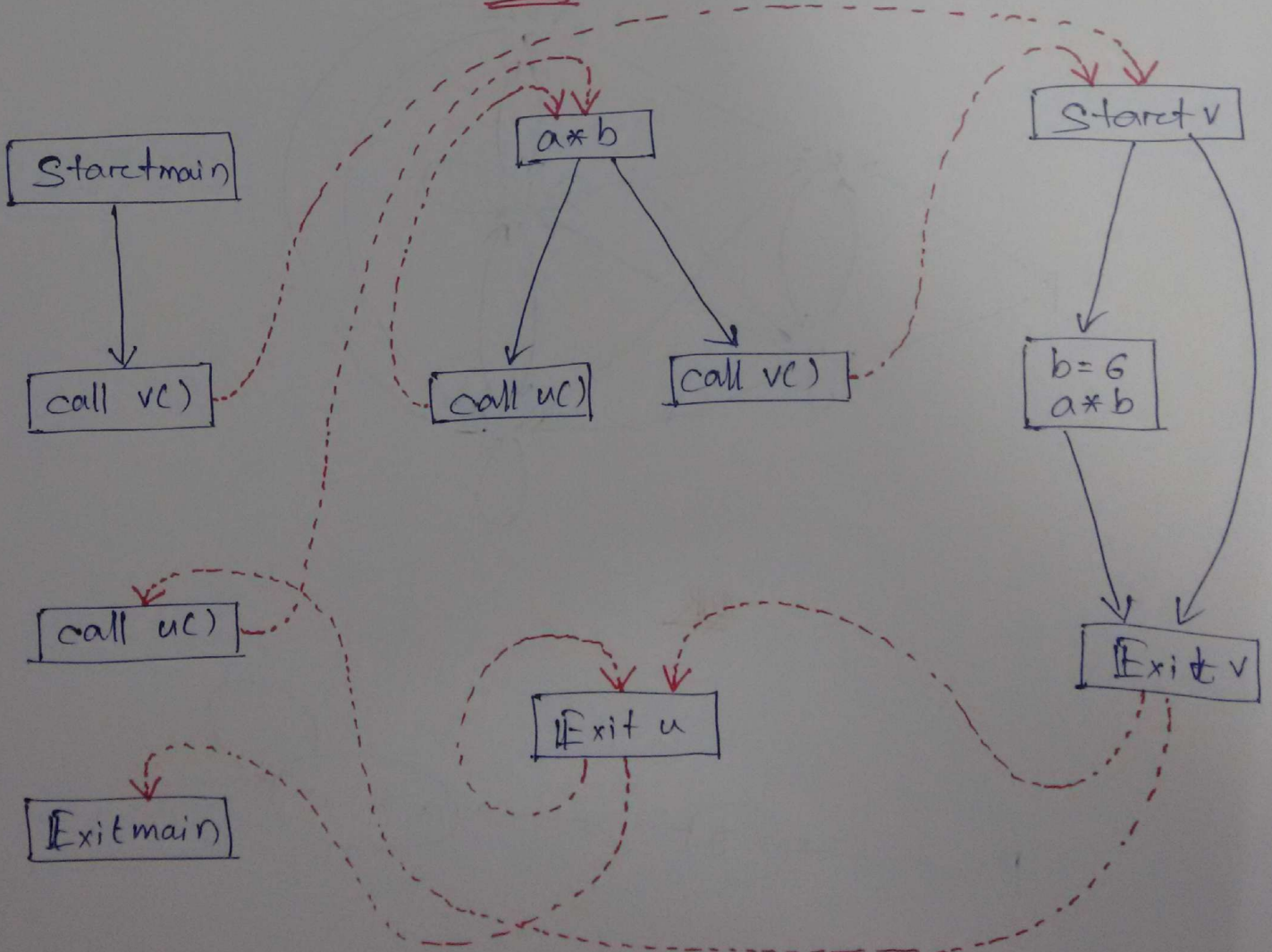
OR



2. a

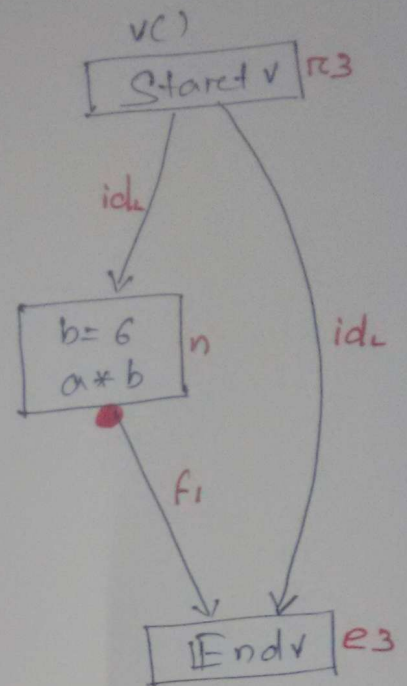
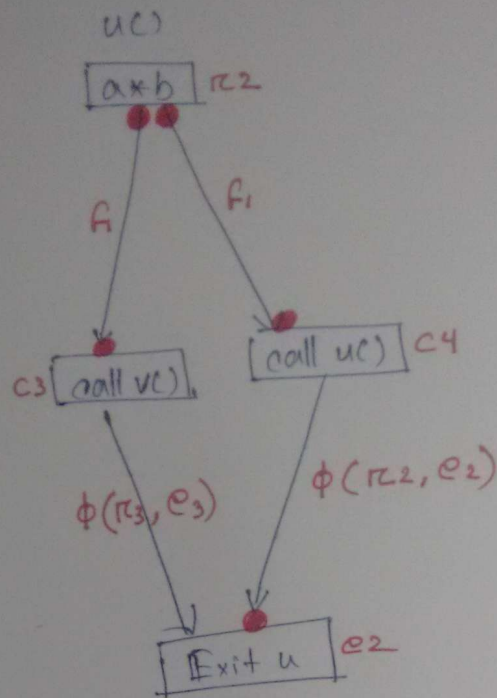
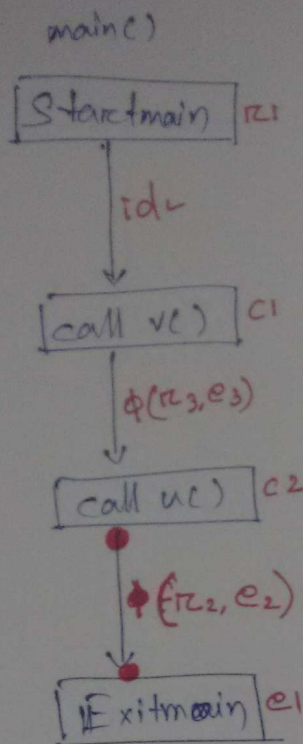


OR





2.b



Function

Constraints

$\phi(\pi_1, \pi_1)$	$id_L$
$\phi(\pi_1, c_1)$	$id_L \circ \phi(\pi_1, \pi_1)$
$\phi(\pi_1, c_2)$	$\phi(\pi_3, e_3) \circ \phi(\pi_1, c_1)$
$\phi(\pi_1, e_1)$	$\phi(\pi_2, e_2) \circ \phi(\pi_1, c_2)$
$\phi(\pi_2, \pi_2)$	$id_L$
$\phi(\pi_2, c_3)$	$f_1 \circ \phi(\pi_2, \pi_2)$
$\phi(\pi_2, c_4)$	$f_1 \circ \phi(\pi_2, \pi_2)$
$\phi(\pi_2, e_2)$	$(\phi(\pi_3, e_3) \circ \phi(\pi_2, c_3)) \wedge (\phi(\pi_2, e_2) \circ \phi(\pi_2, c_4))$
$\phi(\pi_3, \pi_3)$	$id_L$
$\phi(\pi_3, n)$	$id_L \circ \phi(\pi_3, \pi_3)$
$\phi(\pi_3, e_3)$	$(f_1 \circ \phi(\pi_3, n)) \wedge (id_L \circ \phi(\pi_3, \pi_3))$

2.c

Iteration

1st 2nd 3rd

$id_L$	$id_L$	$id_L$
$id_L$	$id_L$	$id_L$
$f_\Omega$	$id_L$	$id_L$
$f_\Omega$	$f_\Omega$	$f_1$
$id_L$	$id_L$	$id_L$
$f_1$	$f_1$	$f_1$
$f_1$	$f_1$	$f_1$
$f_\Omega$	$f_1$	$f_1$
$id_L$	$id_L$	$id_L$
$id_L$	$id_L$	$id_L$
$id_L$	$id_L$	$id_L$

2.d

Expression "a \* b" is available at all program points marked with "•" symbol.