Let $B = (A^3, A^4)$ (is loc basis)

$0 \quad 0 \; (\to c_3, c_4 = 0)$

1	A^3	A^4	Tasb dfb
3 A^1	$-1<0$	$(-2)<0$	$-3<0$
5 A^2	$-2<0$	$-1<0$	$-5<0$
Tasb nfb	$-6<0$	$-8<0$	0
		*	↑ $-5\cdot 0 + -8\cdot 0$

B in dfb so we apply DSA
dual simplex algo

$\left(\frac{-3}{-2}\right) < -\frac{5}{1}$

$= 1.5$ make it pivot

2	A^3	A^1	dfb
A^4	$-\frac{1}{2}<0$	$-\frac{1}{2}$	$-\frac{3}{2}$
A^2	$\left(-\frac{3}{2}\right)<0$	$\frac{1}{2}$	$-\frac{7}{2}$
nfb	$-2<0$	-4	12
	*		

$-2\cdot 4 \cdot 2$

$(4-1)/3 = -\frac{3}{2}$

$\frac{(-6+4)}{-2}$ $-\frac{8}{2}$

$\frac{-3/2}{-1/2}$ $\quad \frac{-7/2}{-3/2}$ * ← the min $\Rightarrow$ pivot is $-\frac{3}{2}$

3	A^2	A^1	dfb
A^4			
A^3			
nfb	$\frac{4}{3}$	$\frac{10}{3}$	$\frac{25}{3}$

The optimal sol of $(P_{st}) = x^0 = (x_1^0, x_2^0, x_3^0, x_4^0) = \left(\frac{10}{3}, \frac{4}{3}, 0, 0\right)$

The optimal value of f is

$z_{00} = \frac{25}{3}$