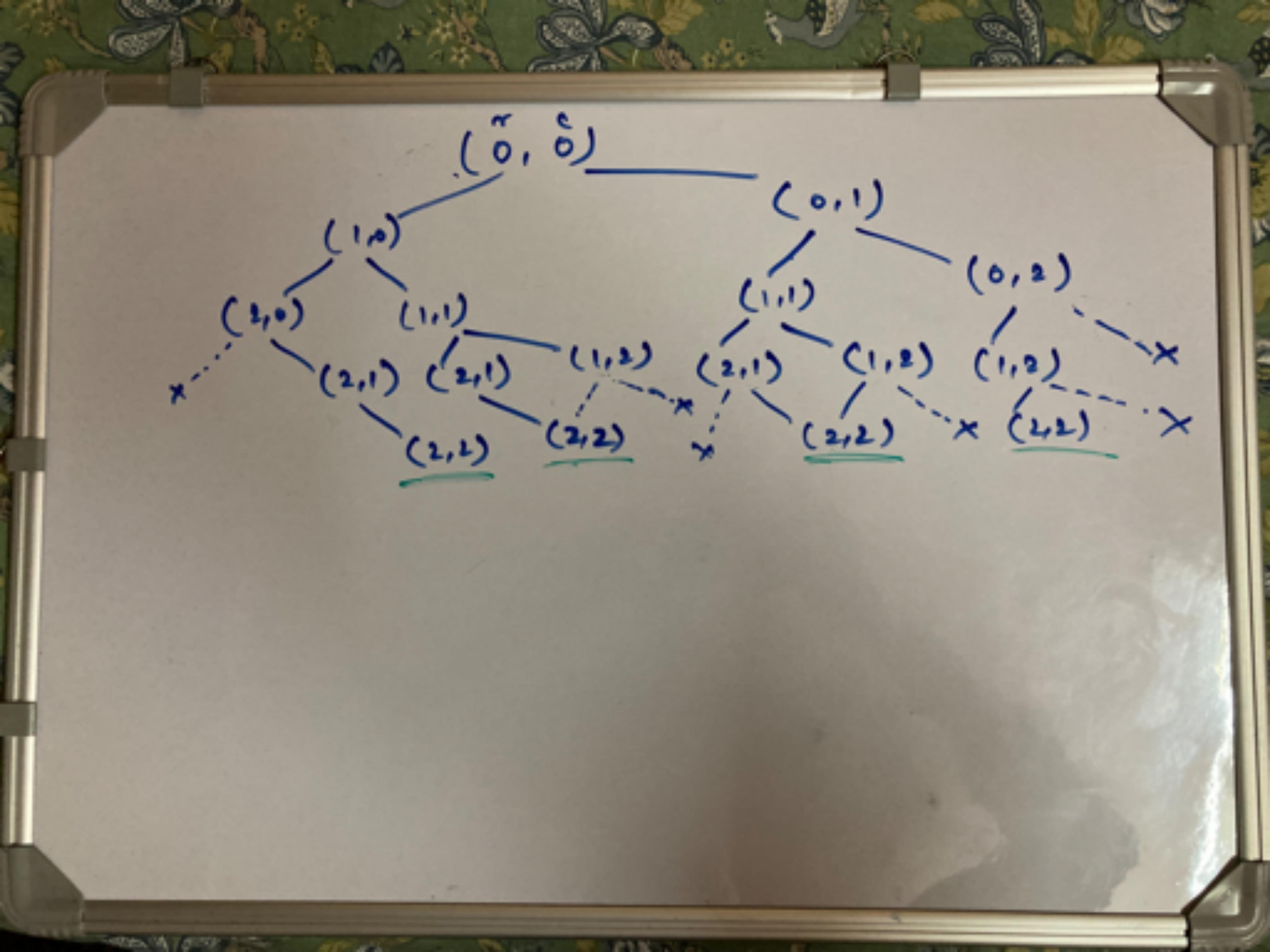


1+2+3+6=12



min
$$\{(0,0) + (2,2)\}$$

Min of

 $(0,0) + (1,2)$

Min of

 $(0,0) + (2,1)$

Min of

 $(0,0) + (1,0)$
 $(0,0)$
 $(0,0)$
 $(0,0)$
 $(0,0)$