I) $\lambda x{:}Nat.\ zero$

$$[\![\lambda x{:}Nat.\ zero]\!]_v = V^{[\![Nat]\!]} \mapsto [\![zero]\!]_{v, x=V}$$

$$= V^{[\![Nat]\!]} \mapsto 0$$

$$= V^{IN} \mapsto 0$$

II) $\lambda x{:}Nat.\ (\lambda y{:}Nat.\ y)\ succ(x)$

$$[\![\lambda x{:}Nat.\ (\lambda y{:}Nat.\ y)\ succ(x)]\!]_v$$

$$= X^{[\![Nat]\!]} \mapsto [\![(\lambda y{:}Nat.\ y)\ succ(x)]\!]_{v, x=X}$$

$$= X^{[\![Nat]\!]} \mapsto [\![(\lambda y{:}Nat.\ y)]\!]_{v, x=X}\ [\![succ(x)]\!]_{v, x=X}$$

$$= X^{[\![Nat]\!]} \mapsto \left(Y^{[\![Nat]\!]} \mapsto [\![y]\!]_{v, x=X, y=Y} \right) [\![x]\!]_{v, x=X} + 1$$

$$= X^{IN} \mapsto (Y^{IN} \mapsto Y)\ X + 1$$

$$= X^{IN} \mapsto X + 1$$