big sex man

Due: in ur mother

Released: out ur mother

We proceed with a direct proof, assuming x is an even integer.

x is an even integer	(given)
$x = 2k for some k \in \mathbb{Z}$	(def of even)
$x^2 = (2k)^2$	(square both sides of (2))
$x^2 = 4k^2$	(simplify RHS of 3)
$x^2 + 25x = 4k^2 + 25(x)$	(add 25x to both sides of 4)
$x^2 + 25x = 4k^2 + 25(2k)$	(substitute (2) into (5))
$x^2 + 25x = 4k^2 + 50k$	(simplify RHS of (6))
$x^2 + 25x + 27 = 4k^2 + 50k + 27$	(add 27 to both sides of (7))
$x^2 + 25x + 27 = 2(2k^2 + 25k + 13) + 1$	(factor RHS of (8))
$m = 2k^2 + 25k + 13 for some k \in \mathbb{Z}$	(closure of mult and add in Z)
$x^2 + 25x + 27 = 2m + 1$	(subsitute (10) into (9))
$x^2 + 25x + 27$ is odd	(def of odd)

Thus, by assuming that x is even, we have directly proven the statement that "If x is an even integer then $x^2 + 25x + 27$ is odd"