# Sqrt (Level = Easy)

Calculate & return the square root of x. Implement int sqrt(int x)

Assumption

* X is non-negative integer
* Return type is int so decimal digits are truncated

Examples

|  |  |  |
| --- | --- | --- |
| **No.** | **Input** | **Output** |
| 1 | 8 | 2 |
| 2 | 120 | 10 |
| 3 | 122 | 11 |