

```
1 // Square Root
2 class Solution {
3 public:
4     int mySqrt(int x) {
5         if (x < 2)
6             {
7                 return x;
8             }
9         int squareRT = 0;
10
11         // Long Division Method
12         while ((squareRT + 1) <= (x / (squareRT + 1)))
13             {
14                 squareRT++;
15             }
16         return squareRT;
17     }
18 };/
```