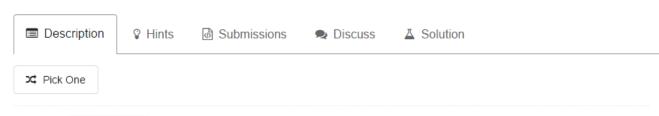
69. Sqrt(x)



Implement int sqrt(int x).

Compute and return the square root of x, where x is guaranteed to be a non-negative integer.

Since the return type is an integer, the decimal digits are truncated and only the integer part of the result is returned.

Example 1:

```
Input: 4
Output: 2
```

Example 2:

```
public class L69 {
     * 查找平方根
         public int mySqrt(int x) {
             if(x <= 1)
                 return x;
             int left = 0;
             int right = x;
             while (left < right) {</pre>
                int mid = (left + right) / 2;
                //表示位于右半部分
                if(x / mid >= mid) left = mid + 1;
                else {
                    right = mid;
            }
             return right - 1;
         }
         public static void main(String [] args) {
             System.out.println(new L69().mySqrt(8));
         }
}
```