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| **Assignments class 09** |
| **Name : Arnob Reduan(**4091512) |

# Python3 program to find floor(sqrt(x)

# Returns floor of square root of x

def floorSqrt(x):

    # Base cases

    if (x == 0 or x == 1):

        return x

    # Starting from 1, try all numbers until

    # i\*i is greater than or equal to x.

    i = 1; result = 1

    while (result <= x):

        i += 1

        result = i \* i

    return i - 1

# Driver Code

x = 11

print(floorSqrt(x))

# This code is contributed by Smitha Dinesh Semwal.

* Output :

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