Using Functions in C++

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Two Functions

• `sqrt( 4 );`
  – Square root function finds the square root for you
  – It is defined in the `cmath` library, `#include<cmath>`

• `rand();`
  – Random function generates random value for you
  – It is defined in the `cstdlib` library,
    `#include <cstdlib>`
sqrt() function

• sqrt function takes in a number, and returns the square root

• sqrt function is defined as
  – double sqrt( double )
  – sqrt function takes an input argument of type double
  – sqrt function returns an value that is of type double
Rand() function

- rand() function doesn’t need any input and it returns a int
- rand function is defined as
  - int rand()
  - rand function does not take any arguments
  - rand function returns a value that is of type int