Lab 11 Exercise (from professor Kent Chin)

1) Given the following function prototype:

   int cube(int n);

i) What is the function's name?
ii) What is the function's return type?
iii) What parameter(s) does the function take?

2) Given the following function prototype:

   void say_hello();

i) What is the function's name?
ii) What is the function's return type?
iii) What parameter(s) does the function take?

3) Write a complete C++ program which carries out the following tasks:
   • Asks the user for two integers, $a$ and $b$.
   • If $a$ is greater than $b$, exit the program.
   • Print a random number (using the `rand` function) between $a$ and $b$, inclusive. The formula is as follows:

   $$ \text{rand()} \% (b - a + 1) + a $$

   Amount of numbers from $a$ to $b$.

4) Write a function that prints the word “Hello”, and call this function in main().