Six Output Programs

Create a new project. Name it **HW\_2a**.

Create a new .cpp file. Name it **HW\_2a**.

Write a C++ program that outputs to the screen: C++ programming is easy!

Copy and Paste the output below your source code.

Note: For all 5 parts, include an information section at the top of each program. (See syllabus)

* Include your name, class, and homework in comments.
* Make sure to include the separator lines as shown in the syllabus.

Create a second project **HW\_2b**.

Create a .cpp file **HW\_2b**.

* Declare a variable of *int* data type.
* Name the variable *myAge*.
* Initialize the variable with your age. (If you are 21, then assign 21, etc.)
* Write a statement that outputs your age to the screen.

(Use the variable in the output statement).

**HW\_2b output**: My age is 21

Press any key to continue . . .

Copy and Paste the output below your source code.

Note: Include an information section at the top with your name, class, homework, and the

separator lines as shown in the syllabus.

Create a third project **HW\_2c**, and a file named: HW\_2c.cpp

* Declare two variables of string data type.
* Name the first variable ***firstName***, and the ***lastName***.
* Write a statement that assigns your first name to the variable ***firstName***.
* Write a statement that assigns your last name to the variable ***lastName***.
* Write a statement that says: **My first name is Tom.** (use your name)
* Write another statement that says: **My last name is Lee.** (use your name)
* Use the **endl** manipulator to place the second statement on the next line down.

Use variables for first and last names.

/\* OUTPUT (Don’t just type your name)

My first name is **Tom**.

My last name is **Lee**.

Press any key to continue ... \*/

Refer to Lecture 2 for declaring variables.

Copy and Paste the output below your source code.

Note: For all 5 parts, include an information section at the top of each program. (See syllabus)

* Include your name, class, and homework in comments.
* Make sure to include the separator lines as shown in the syllabus.

Create a fourth project **HW\_2d**.

Create a .cpp file **HW\_2d**.

* Declare two variables of string data type.
* Name the first variable ***school***, and the second variable ***city***.
* Write a statement that assigns “Norco College” to ***school*** (or whatever

school you attend). (Remember strings must be surrounded by double quotes).

* Write another statement that assigns “Orange” to the variable ***city***.

(or whatever city your school is in).

* Write code to produce the output below.
  + Make sure to use the ***school*** and ***city*** variables in your output statements. (Don’t just type Santiago Canyon College and Orange).

These are variables

/\* OUTPUT

My school is **Santiago Canyon College**.

It is in the city of **Orange**.

Press any key to continue ... \*/

Refer to **Lecture 2** declaring variables, andfor assigning values and outputting strings.

Note: For all 5 parts, include an information section at the top of each program. (See syllabus)

* Include your name, class, and homework in comments.
* Make sure to include the separator lines as shown in the syllabus.

Create a fifth project **HW\_2e**.

Create a .cpp file **HW\_2e**.

* Declare two variables of char data type.
* Name the first variable **firstInitial**, the second variable **lastInitial**.
* Ask the user to enter his or her first initial.

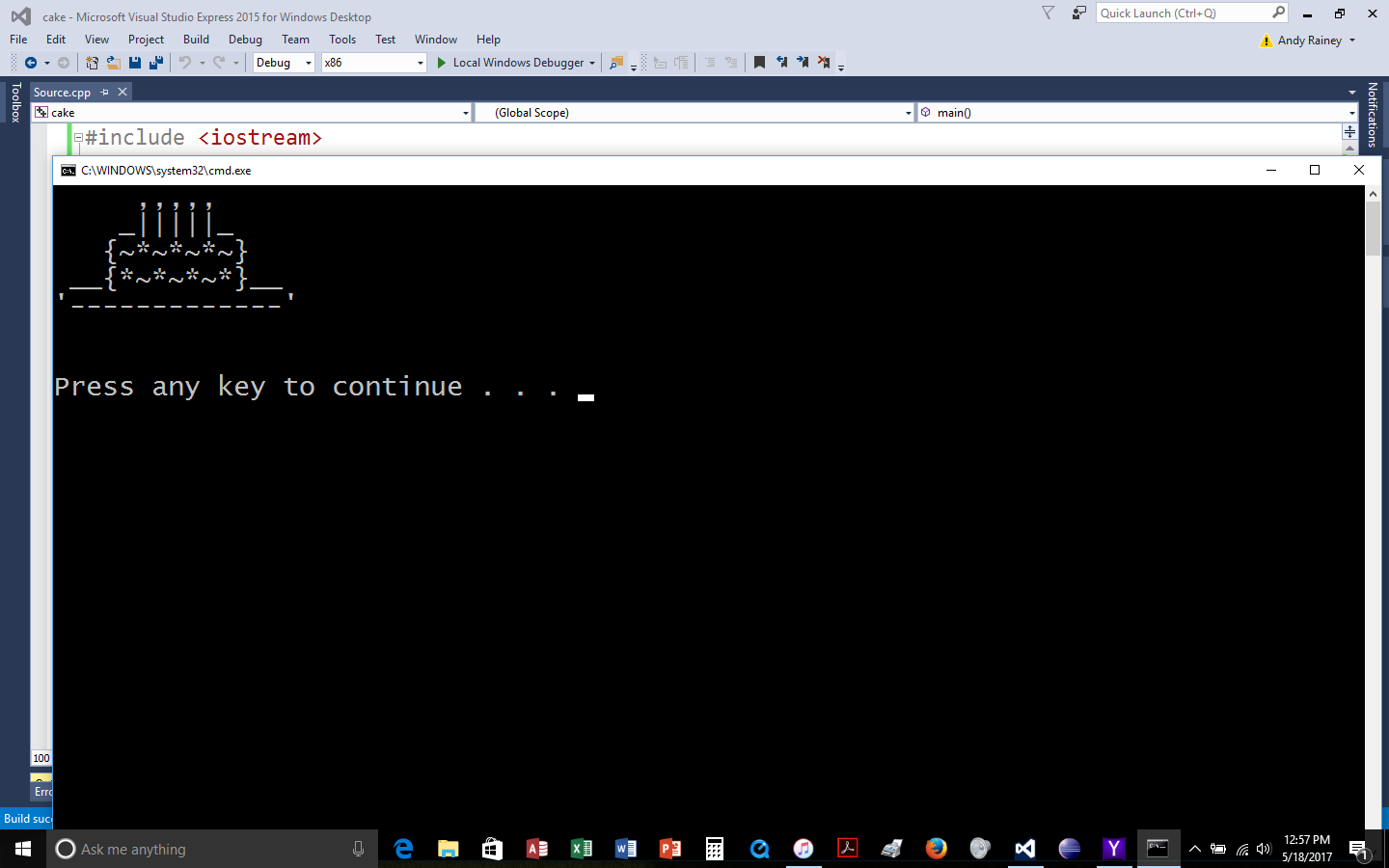
Ex: Enter your first initial: T 🡨 The user enters a T

* + Use the cin object and extraction operator to read in the value entered by the user.
  + The input value should be held in the variable named: **firstInitial**.
* Ask the user to enter his or her first initial.

Ex: Enter your last initial: L 🡨 The user enters an L

* + Use the cin object and extraction operator to read in the value entered by the user.
  + The input value should be held in the variable named: **lastInitial**.
* Output the following statement:
  + Use variables to output T and L. (Don’t just type in the letters.)

Your first initial is **T** and your last initial is **L**.



Create a fifth project **HW\_2f**.

Create a .cpp file **HW\_2f**.

Use output statements ( cout << ) to

create a birthday cake, as shown.

Note: For all 6 parts, include an information section at the top of each program. (See syllabus)

* Include your name, class, and homework in comments.
* Make sure to include the separator lines as shown in the syllabus.

Copy and Paste the output below your source code.

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