CS210 PS 1 Part A

Task 1

The first line includes a group of predefined functions into hello.c.

The third line specifies the return type of the method that follows.

The fourth line is the definition of a method named main, that takes two arguments: an integer and a character. This method is a standard C method, that always executes when you run the program.

The fifth line is just an opening bracket for the method.

Sixth line prints out the text "Hello World".

Seventh line returns the value (integer) 0. This usually means that the program exited normally. Non-zero values generally represent abnormal termination, but there is no standard for how the non-zero codes are interpreted.

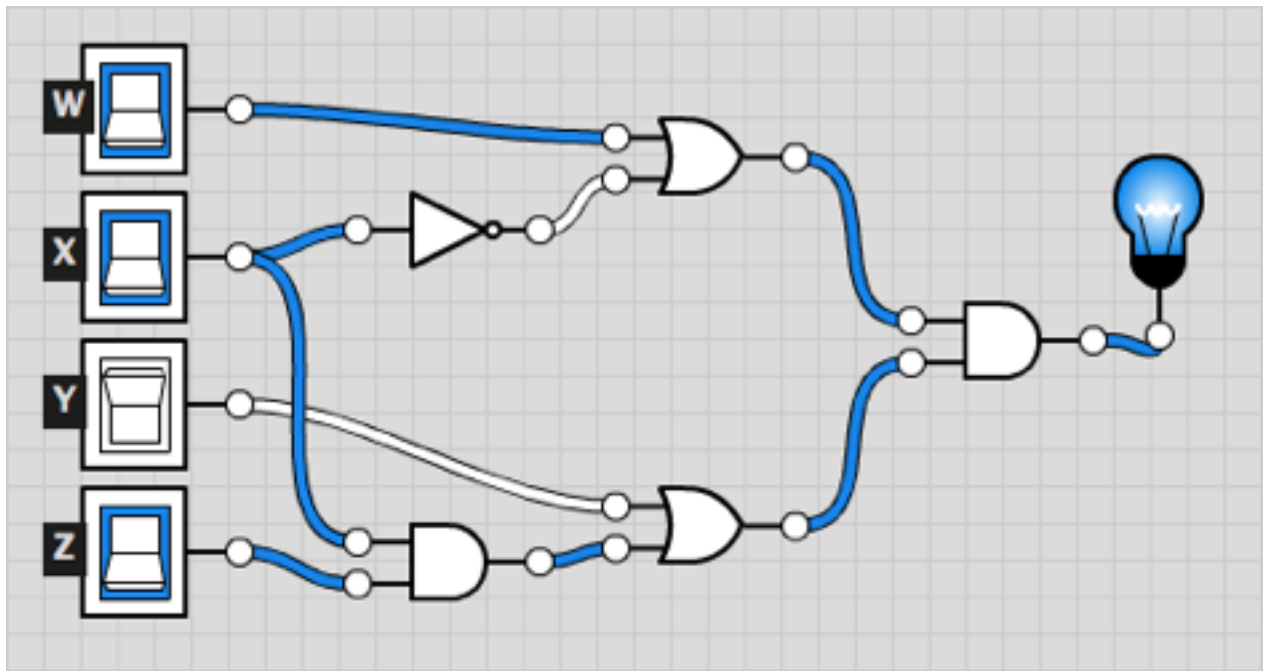Eighth line is a closing bracket for the main method.

Task 2

Output:
```
1
3
5
7
9
mystring:HELLO myint:10
```

Name	Address	Value
mystring[0]	0x0804972c	H
mystring[1]	0x0804972d	E
mystring[2]	0x0804972e	L
mystring[3]	0x0804972f	L
mystring[4]	0x08049730	O
mystring[5]	0x08049731	
ip	0x0804973c	0x00637030
myint	0x08049740	10
cp	0x08049744	0x0063701d

Task 3

Task 4

1a.

A	B	!(A && B)	!A II !B
TRUE	TRUE	**FALSE**	**FALSE**
TRUE	FALSE	**TRUE**	**TRUE**
FALSE	TRUE	**TRUE**	**TRUE**
FALSE	FALSE	**TRUE**	**TRUE**

1b.

A	B	!(A II B)	!A && !B
TRUE	TRUE	**FALSE**	**FALSE**
TRUE	FALSE	**FALSE**	**FALSE**
FALSE	TRUE	**FALSE**	**FALSE**
FALSE	FALSE	**TRUE**	**TTUE**

2.