Stephanie Wyckoff  
CSc 3320 Programming Challenge #5  
Account: swyckoff1  
Due date: 9/27/16

[GSUAD\swyckoff1@snowball ~]$ vi pc5.c

[GSUAD\swyckoff1@snowball ~]$ gcc pc5.c -o pc5

[GSUAD\swyckoff1@snowball ~]$ cat pc5.c

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\* pc5.c

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\* Description: This program uses a do-while and if loop to sort through all values from -4 to 4 and print whether they are true or false. Positive integers are considered true and negative integers, to include zero (0) are false.

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\* Input: There are no inputs for this program.

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\* Output: The true/false status of each integer from -4 to 4 where negative integers including zero (0) are false and positive integers are true.

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#include <stdio.h>

main(int argc, char\* argv[]){

int i = -4;

do{

if(i<=0){

printf("%d is false\n", i);

}

else{

printf("%d is true\n", i);

}

i++;

}while(i<=4);

return 0;

}

[GSUAD\swyckoff1@snowball ~]$ ./pc5

-4 is false

-3 is false

-2 is false

-1 is false

0 is false

1 is true

2 is true

3 is true

4 is true

[GSUAD\swyckoff1@snowball ~]$