EE 1910

Dr. Johnson

Program 3

No capabilities beyond those discussed in class or in the notes are allowed

Write a program to:
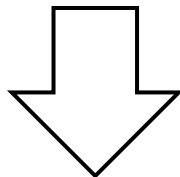
a) Read in an int and print it as an int, a float and a char
b) Read in a float and print it as an int, a float and a char
c) Read in a char and print it as an int, a float and a char

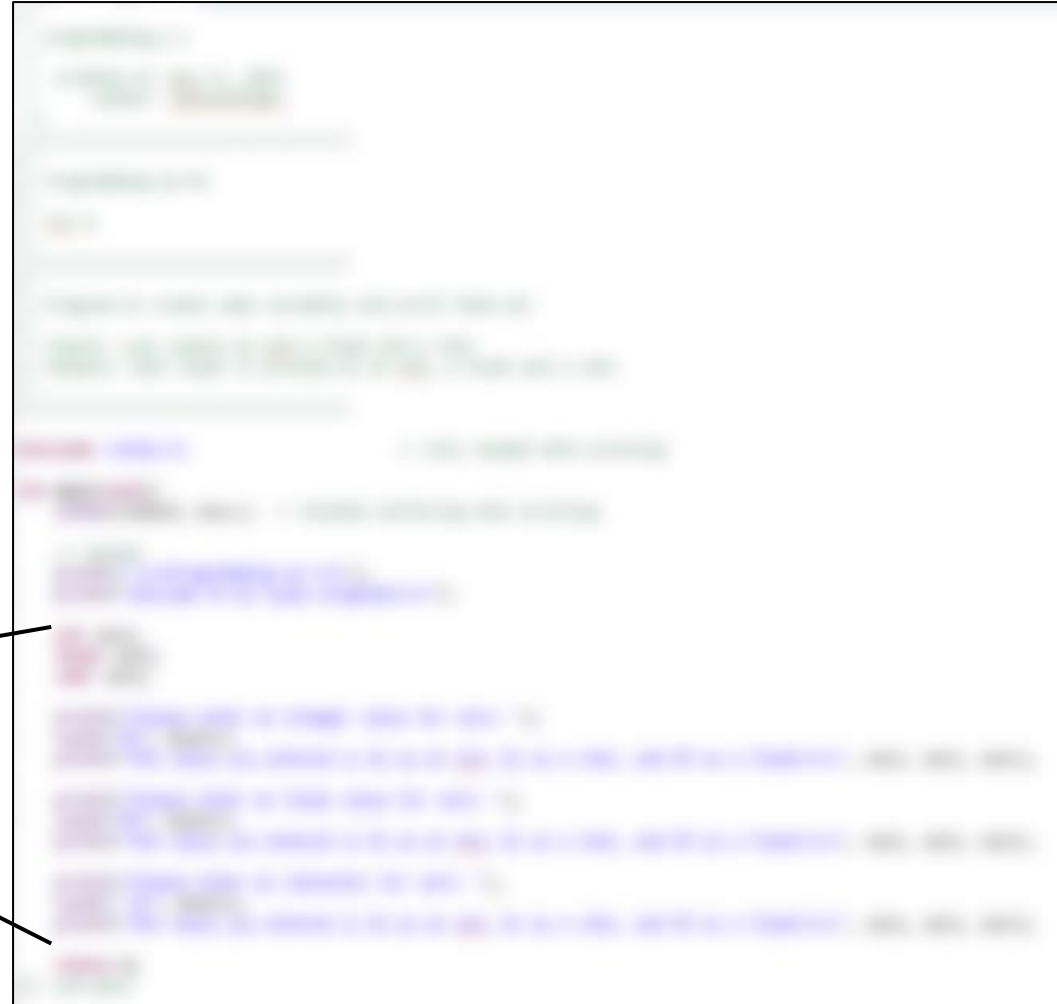Turn in your code, and screenshots for

66   2.3   f

Write a short description explaining each result

Note: use " %c" (quote space percent c quote) to read in the char

Start with something like this

```c
1 /*
2 * programming_3.c
3 *
4 *  Created on: Nov 17, 2021
5 *       Author: johnsontimoj
6 */
7 ///////////////////////////////////
8 //
9 // Programming HW #3
10 //
11 // rev 0
12 //
13 ///////////////////////////////////
14 //
15 // Program to create some variables and print them out
16 //
17 // inputs: user inputs an int a float and a char
18 // outputs: each input is printed as an int, a float and a char
19 //
20 ///////////////////////////////////
21
22 #include <stdio.h>                    // only needed when printing
23
24 int main(void){
25     setbuf(stdout, NULL);  // disable buffering when printing
26
27     // splash
28     printf("\n\nProgramming HW 3\n");
29     printf("Welcome to Dr Johnson's types program\n\n");
30
31     // YOUR CODE HERE
32
33     return 0;
34 }// end main
```

Your name

End up with something like this – check your values!

Your name and location


```
<terminated> (exit value: 0) HW_Cons_project.exe [C/C++ Application] Z:\msoe_current\22_Q2_EE1910\Work


Programming HW 3
Welcome to Dr Johnson's types program

Please enter an integer value for var1: 66
the value you entered is 66 as an int, B as a char, and 643760861843218870000000000000000000000000

Please enter an float value for var2: 2.3
the value you entered is 1610612736 as an int, f as a char, and 2.300000 as a float

Please enter an character for var3: f
the value you entered is 102 as an int, f as a char, and 2.299999 as a float
```