Extra Practice**\_Week2**

1. **What are the equivalent of the following numbers in the decimal system:**
   1. 011110)2
   2. 101011)2
   3. 0101)2
2. **Show how the value -3.6175 would be printed using the formats**  
   %8.2f, %8.1f, %8.0f, %.2f
3. **Assuming x (type double) is 12.335 and I (type int) is 100. Show the lines displayed by the following statements.**

* printf (“x is %6.2f I is %4d\n”, x, i);
* printf(“i is %d\n”,i);
* Printf(“x is %.1f\n”,x);

1. **Which of the following are not valid identifiers in C?**
   1. A3
   2. 4A
   3. if
   4. IF
   5. tax\_rate
   6. \_1987
   7. \_Me
   8. double5
2. **Find any errors in the following program:**

Int main (void){

/\*Local Declarations\*/

a int;

b float, double;

c, d char;

/\*Statements\*/  
 printf(“The end of the program”);

1. **Write a program that calculates the area of a rectangle and prints out the result. The length and width of which are 6 and 5.5 respectively.**