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| A1. |
| A2. Write calls of printf that display a float variable x in the following formats.   1. printf(“%-8.1e”, x); 2. printf(“%10e”, x); 3. printf(“%-8.3f”, x); 4. printf(“%6.0f”, x); |
| A3. For each of the following pairs of scanf format strings, indicate whether or not the two strings are equivalent. If they’re not, show how they can be distinguished.   1. “%d” versus “ %d” (equivalent) 2. “%d-%d-%d” versus “%d -%d -%d” (distinguished) 3. “%f” versus “%f ” (distinguished) 4. “%f,%f” versus “%f, %f” (equivalent) |
| A4. **i = 10, x = 0.3, j = 5** |
| A5. **x = 12.3, i = 45, j = 0.6** |
| A6.  1 /\* Adds two fractions (white-space version) \*/  2  3 #include <stdio.h>  4  5 int main(void)  6 {  7 int num1, denom1;  8 int num2, denom2;  9 int result\_num, result\_denom;  10  11 printf("Enter first fraction: ");  12 scanf("%d /%d", &num1, &denom1);  13  14 printf("Enter second fraction: ");  15 scanf("%d /%d", &num2, &denom2);  16  17 result\_num = num1 \* denom2 + num2 \* denom1;  18 result\_denom = denom1 \* denom2;  19  20 printf("The sum is %d / %d \n", result\_num, result\_denom);  21  22 return 0;  23 } |