Assignment 2

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Question 1:  
  
(a) i = 5; j = ++i \* 3 - 2;   
 printf("%d %d", i, j); 🡪 output would be 6 16

(b) i = 5; j = 3 - 2 \* i++;   
printf("%d %d", i, j); 🡪 output would be 6 -7

(c) i = 7; j = 3 \* i-- + 2;  
printf("%d %d", i, j); 🡪 output would be 6 23

(d) i = 7; j = 3 + --i \* 2;   
printf("%d %d", i, j); 🡪 output would be 6 15

Question 2:

1. i = 3; j = 4; k = 5;  
   printf("%d ", i < j || ++j < k);   
   printf("%d %d %d", i, j, k);

Would produce the output:

1 3 4 5

1. i = 7; j = 8; k = 9;  
   printf("%d ", i - 7 && j++ < k);  
   printf("%d %d %d", i, j, k);

Would produce the output:

1 7 9 9

1. i = 7; j = 8; k = 9;  
   printf("%d ", (i = j) || (j = k);  
   printf("%d %d %d", i, j, k);

Would produce the output:

1 8 8 9

1. i = 1; j = 1; k = 1;  
   printf("%d ", ++i || ++j && ++k);  
   printf("%d %d %d", i, j, k);

Would produce the output:

1 2 1 1