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BSCS CMSC 21-1

```c
1    #include <stdio.h>
2
3    int main() {
4
5        /* Initializing data types for variables. */
6        int ones, tens;
7
8        /* Takes user input, stores digits in ones, tens. */
9        printf("Enter a two-digit number (i.e. 69): ");
10       scanf("%1d%1d", &tens, &ones);
11
12       /* Printing output in reverse. */
13       printf("Output: %1d%1d", ones, tens);
14
15       return 0;
16   }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
PS C:\Users\mjpar\Documents\UP\SEM 2\CMSC 21-1\Lecture2\Assignments> cd
 ; if ($?) { gcc as1.c -o as1 } ; if ($?) { .\as1 }
Enter a two-digit number (i.e. 69): 69
Output: 96
```

1.

```c
1    #include <stdio.h>
2
3    int main() {
4
5        /* Initializing data types for variables. */
6        int ones, tens, hundreds;
7
8        /* Takes user input, stores digits in ones, tens, hundreds.
9        printf("Enter a three-digit number (i.e. 421): ");
10       scanf("%1d%1d%1d", &hundreds, &tens, &ones);
11
12       /* Printing output in reverse. */
13       printf("Output: %1d%1d%1d", ones, tens, hundreds);
14
15       return 0;
16   }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
PS C:\Users\mjpar\Documents\UP\SEM 2\CMSC 21-1\Lecture2\Assignments> cd "c:\U
; if ($?) { gcc as2.c -o as2 } ; if ($?) { .\as2 }
Enter a three-digit number (i.e. 421): 421
Output: 124
```

2.

```c
1    #include <stdio.h>
2
3    int main() {
4
5        int i, j, k;
6
7        i = 3; j = 4; k = 5;
8        printf("%d\n", i < j || ++j < k);
9
10       i = 7; j = 8; k = 9;
11       printf("%d\n",i - 7 && j++ < k);
12
13       // i = 7; j = 8; k = 9;
14       printf("%d\n", (i = j) || (j == k));
15       printf("%d %d %d\n", i, j, k);
16
17       i = j = k = 1;
18       printf("%d\n", ++i || ++j && ++k);
19       printf("%d %d %d\n", i, j, k);
20
21       return 0;
22   }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

PS C:\Users\mjpar\Documents\UP\SEM 2\CMSC 21-1 Lab\Lab Exer
($?) { gcc test.c -o test } ; if ($?) { .\test }
1
0
1
8 8 9
1
2 1 1

3.