

1.) Code the following:

- Prompt the user to enter a two-digit number
- Display the number with the digits reversed

```
C as1.c  X  C as2.c
C: > Users > DARWIN > Downloads > CMSC21 > Assignment 2 > C as1.c > main(void)
1  #include <stdio.h>
2
3  int main(void)
4  {
5      int first_digit, second_digit;
6      printf("Please enter a 2-digit number: ");
7      scanf("%d%d", &first_digit, &second_digit);
8      printf("%d%d", second_digit, first_digit);
9      return 0;
10 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell
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PS C:\Users\DARWIN> cd "c:\Users\DARWIN\Downloads\CMSC21\Assignment 2\" ; if (\$?) { gcc as1.c -o as1 } ; if (\$?) { .\as1 }
Please enter a 2-digit number: 28
82
PS C:\Users\DARWIN\Downloads\CMSC21\Assignment 2>

2.) Code the following:

- Prompt the user to enter a three-digit number
- Display the number with the digits reversed

```
C as1.c  C as2.c  X
C: > Users > DARWIN > Downloads > CMSC21 > Assignment 2 > C as2.c > main(void)
1  #include <stdio.h>
2
3  int main(void)
4  {
5      int first_digit, second_digit, third_digit;
6      printf("Please enter a 3-digit number: ");
7      scanf("%d%d%d", &first_digit, &second_digit, &third_digit);
8      printf("%d%d%d", third_digit, second_digit, first_digit);
9      return 0;
10 }
```

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PS C:\Users\DARWIN> cd "c:\Users\DARWIN\Downloads\CMSC21\Assignment 2\" ; if (\$?) { gcc as2.c -o as2 } ; if (\$?) { .\as2 }
Please enter a 3-digit number: 789
987
PS C:\Users\DARWIN\Downloads\CMSC21\Assignment 2>

3.) Provide the output:

a) 1

b) 0

c) 1

8 8 9

d) 1

2 1 1