

1.

```
1  #include <stdio.h>
2  int main(void)
3  {
4  //identify the variables.
5  |   int ones ,tens;
6  //ask the user to enter their 2-digit number.
7  |   printf("Please enter a 2-digit number:");
8  |   scanf("%d%d", &tens, &ones);
9  //print to display the reverse of the 2-digit number.
10 |   printf("reverse of your 2-digit number is: %d%d\n", ones, tens);
11 |   return 0;
12 }
13
```

2.

```
1  #include <stdio.h>
2  ✓ int main(void)
3  {
4  //identify the variables.
5  |   int ones ,tens, hundreds;
6  //ask the user to enter their 3-digit number.
7  |   printf("Please enter a 3-digit number:");
8  |   scanf("%d%d%d", &hundreds, &tens, &ones);
9  //print to display the reverse of the 3-digit number.
10 |   printf("reverse of your 3-digit number is: %d%d%d", ones, tens, hundreds);
11 |   return 0;
12 }
13
```

3.

a) 1

b) 0

c) 18 8 9

d) 12 1 1