1.

```c
#include <stdio.h>

int main(void) {

  int temp, num1, num2;


  printf("Please enter a 2-digit number: ");
  scanf("%d", &temp);

  num1 = temp % 10;
  temp = temp / 10;
  num2 = temp % 10;


  printf("Reverse: %d%d", num1, num2);

  return 0;
}
```

```
> make -s
> ./main
Please enter a 2-digit number: 92
Reverse: 29>
```

2.

```c
#include <stdio.h>

int main(void) {

  int temp, num1, num2, num3;


  printf("Please enter a 3-digit number: ");
  scanf("%d", &temp);

  num1 = temp % 10;
  temp = temp / 10;
  num2 = temp % 10;
  num3 = temp / 10;


  printf("Reverse: %d%d%d", num1, num2, num3);

  return 0;
}
```

```
> make -s
> ./main
Please enter a 3-digit number: 123
Reverse: 321>
```

3.

A). Output= 1

```c
1  #include <stdio.h>
2
3  int main(void) {
4
5    int i = 3, j = 4,k = 5;
6    printf("%d", i < j || ++j < k);
7
8
9    return 0;
10 }
```

```
> make -s
> ./main
1>
```

B). Output= 0

```c
1  #include <stdio.h>
2
3  int main(void) {
4
5    int i = 7, j = 8, k = 9;
6    printf("%d",i - 7 && j++ < k);
7
8
9    return 0;
10 }
```

```
> make -s
> ./main
0>
```

C). Output= 18 8 9

```c
1  #include <stdio.h>
2
3  int main(void) {
4
5    int i = 7, j = 8, k = 9;
6
7    printf("%d", (i = j) || (j == k));
8    printf("%d %d %d", i, j, k);
9
10   return 0;
11 }
```

```
> make -s
> ./main
18 8 9>
```

D). Output= 12 1 1

```c
#include <stdio.h>

int main(void) {

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

    return 0;
}
```

```
> make -s
> ./main
12 1 1>
```