1.

```
1    #include <stdio.h>
2
3    int main (){
4
5        int i,i2;
6
7        printf("Please enter a 2 digit number for reversing: ");
8        scanf("%1d%1d", &i,&i2);
9
10       printf("Reversed digit is %1d%1d", i2,i);
11
12   }
13
```

```
"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\Lecture 2\as1.exe"
Please enter a 2 digit number for reversing: 65
Reversed digit is 56
Process returned 0 (0x0)    execution time : 3.560 s
Press any key to continue.
```

2.

```
#include <stdio.h>

int main (){

    int i,i2,i3;

    printf("Please enter a 3 digit number for reversing: ");
    scanf("%1d%1d%d", &i,&i2,&i3);

    printf("Reversed digit is %1d%1d%1d", i3,i2,i);

}
```

```
"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\Lecture 2\as2.exe"
Please enter a 3 digit number for reversing: 145
Reversed digit is 541
Process returned 0 (0x0)    execution time : 2.895 s
Press any key to continue.
```

3. a) 1

```c
#include <stdio.h>

int main(){

int i = 3, j = 4, k = 5;

 printf("%d", i < j || ++j < k);

}
```

```
"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\as3.exe"
1
Process returned 0 (0x0)    execution time : 0.030 s
Press any key to continue.
```

b) 0

```c
1     #include <stdio.h>
2
3     int main(){
4
5     int i = 7, j = 8, k = 9;
6
7      printf("%d",i - 7 && j++ < k);
8     }
9
10
11
12
13
14
15
```

```
"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\as3.exe"
0
Process returned 0 (0x0)    execution time : 0.029 s
Press any key to continue.
```

c) 1
   8 8 9

```c
#include <stdio.h>

int main(){

int i = 7, j = 8, k = 9;

 printf("%d", (i = j) || (j == k));
 printf("%d %d %d", i, j, k);
}
```

```
"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\as3.exe"
18 8 9
Process returned 0 (0x0)    execution time : 0.027 s
Press any key to continue.
```

d) 1
   2 1 1

```c
#include <stdio.h>

int main(){

int i, j, k;

i = j = k = 1;

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

}
```

"C:\[Justin]\School\UPV\1st Year\2nd Semester\CMSC 21\as3.exe"

```
12 1 1
Process returned 0 (0x0)   execution time : 0.029 s
Press any key to continue.
```