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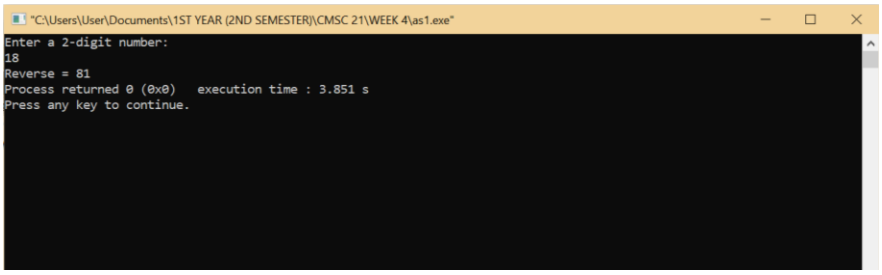
OPERATORS IN C
LECTURE 2 ASSIGNMENTS

1. CODE

Start here | as1.c

```c
#include <stdio.h>

int main ()
{
    int n, rev = 0, rem ;

    printf("Enter a 2-digit number: \n");
    scanf("%d",&n);

    while (n != 0)
    {
     rem = n % 10;
     rev = rev * 10 + rem;
     n= n/10;

    }

     printf("Reverse = %d", rev);

     return 0;

}
```

EXAMPLE OUTPUT

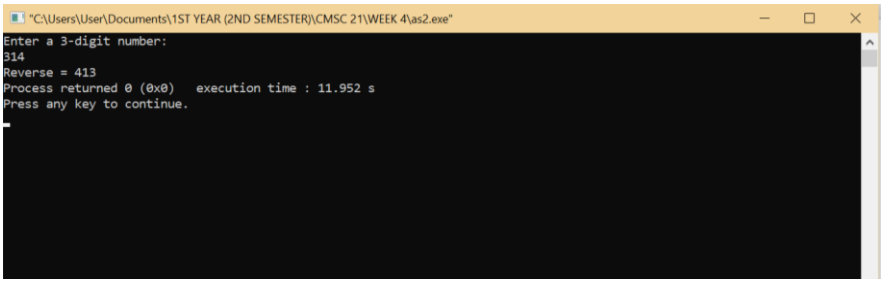


2. CODE

Start here | as1.c | as2.c

```c
#include <stdio.h>

int main ()
{
    int n, rev = 0, rem ;

    printf("Enter a 3-digit number: \n");
    scanf("%d",&n);

    while (n != 0)
    {
     rem = n % 10;
     rev = rev * 10 + rem;
     n= n/10;

    }

     printf("Reverse = %d", rev);

     return 0;

}
```

EXAMPLE OUTPUT



3. Provide the output of the following codes, given that i, j, and k are integer variables.

a) i = 3; j = 4; k = 5;
   printf("%d", i < j || ++j < k); 1

b) i = 7; j = 8; k = 9;
   printf("%d",i - 7 && j++ < k); 0

c) i = 7; j = 8; k = 9;
   printf("%d", (i = j) || (j == k)); 1
   printf("%d %d %d", i, j, k); 8 8 9

d) i = j = k = 1;
   printf("%d", ++i || ++j && ++k); 1
   printf("%d %d %d", i, j, k); 2 1 1

Provide the output of the codes.

a. 1
b. 0
c. 18 8 9
d. 12 1 1