



## Lesson 60(Reserve)

In this lesson, the user enters a number and we print it in reverse

If we have 123.

The program prints : 321

```
int x, y = 0;
```

```
y = y * 10 + x % 10;
```

```
0*10+123%10=3
```

```
3*10+12%10=32
```

```
32*10+1%10=321
```

```
#include <stdio.h>
```

```
int x, y = 0;
```

```
printf("Enter a number : ");
```

```
scanf("%d", &x);
```

```
while (x) {
```

```
y = y * 10 + x % 10;
```

```
x /= 10;
```

```
}
```

```
printf("%d", y);
```

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**input :**

123

**output:**

321

Try the code yourself : [Click Here!](#)