

1) write c program to print the sum of digits 234

```
#include <main>
```

```
int num = 234, sum=0;
```

```
while (num != 0){
```

```
    sum += num % 10;
```

```
    num /= 10;
```

```
}
```

```
printf ("sum of digits : %d\n", sum);
```

```
return 0;
```

```
}
```

2) write c program to reverse given numbers

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

```
int main () {
```

```
    int num, rev = 0;
```

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

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

```
    while (num != 0) {
```

```
        rev = rev * 10 + num % 10;
```

```
        num /= 10;
```

```
}
```

```
    printf ("Reversed number : %d\n", rev);
```

```
    return 0;
```

```
}
```

write program to swapping two numbers using third variable.

3) `return 0;`
 `}" + ("Sum of digits : %d\n", sum);`

2) write c program to reverse given numbers 123

```
#include <stdio.h>
int main() {
    int num, rev = 0;
    printf("Enter a number: ");
    scanf("%d", &num);
    while (num != 0) {
        rev = rev * 10 + num % 10;
        num /= 10;
    }
    printf("Reversed number : %d\n", rev);
    return 0;
}
```

3) write program to swapping two numbers with using third variable.

```
#include <stdio.h>
int main() {
    int a = 5, b = 10;
    printf("Before swap : a=%d, b=%d\n");
    a = a + b; // a = 15
    b = a - b; // b = 15 - 10 = 5
    a = a - b; // a = 15 - 5 = 10
    printf("After swap : a=%d, b=%d\n");
    return 0;
}
```