

```
#include <stdio.h>
#include <stdlib.h>
void checkstatus (int num, int *numofdigits, int *sumofdigitis, int *reverse);
int main()
```

```
{
    int num, sumofdigits, numofdigits, reverse;
    printf("Enter number\n");
    scanf("%d", &num);
    checkstatus(num, &numofdigits, &sumofdigits, &reverse);
    printf("The number of digits in the number is: %d\n", numofdigits);
    printf("The summation of digits of the number is: %d\n", sumofdigits);
    printf("The reverse of the number is %d\n", reverse);
    return 0;
}
```

```
void checkstatus (int num, int *numofdigits, int *sumofdigits, int *reverse)
```

```
{
    *numofdigits = 0;
    *sumofdigits = 0;
    *reverse = 0;
    while (num != 0)
    {
        int digit = num % 10;
        *(numofdigits)++;
        *sumofdigits = *sumofdigits + digit;
        *reverse = *reverse * 10 + digit;
    }
}
```

```
num = num / 10;
```