Task 2:

Super digit of an integer is calculated by adding all the digits of the number
together and repeating the process until it becomes a single digit.

For example:
super digit of 9875 is calculated as below:

$$9 + 8 + 7 + 5 = 29$$
$$2 + 9 = 11$$
$$1 + 1 = 2$$

So super digit of 9875 is: 2

Your task is to write a function that takes a very large number (maximum of 500 digit
long) as a parameter and returns its super digit.

 The prototype of the function is provided below:

```
int  superDigit(char *num);
```