

Revision Tue:

3. Enhance the program to not only calculate the reverse and digit sum of a positive integer but also to find the product of its non-zero digits.

Sample run:

```
Enter a positive number: 12345
Reversed number: 54321
Sum of digits: 15
Product of non-zero digits: 120

Enter a positive number: 10002
Reversed number: 20001
Sum of digits: 3
Product of non-zero digits: 2

Enter a positive number: 987654321
Number exceeds 8 digits.
Program finished.
```

4. In addition to what is calculated before, the program should also calculate the average of the prime numbers and display that.

```
Enter a positive number: 10
Prime numbers: 2 3 5 7
Sum of primes: 17
Count of primes: 4
Average of primes: 4.25

Do you want to calculate again? (yes/no): yes
Enter a positive number: 20
Prime numbers: 2 3 5 7 11 13 17 19
Sum of primes: 77
Count of primes: 8
Average of primes: 9.625

Do you want to calculate again? (yes/no): no
Program finished.
```