Q.1 Write a Program to print all alphabets from a to z by skipping 3 alphabets using do do-while loop.

For example,

Output:

a, e, i, m, q, u, y

Ans:

```c
#include <stdio.h>

int main()
{
   char ch = 'a';

   printf("all alphabets beetween 3 alphabets skip a - z are: \n");
   do
   {
      printf("%c, ", ch);
      ch+=3;
      ch++;
   } while(ch <= 'z');

   return 0;
}
```

O\p: /tmp/cCSQEfLenV.o

all alphabets beetween 3 alphabets skip a - z are:

a, e, i, m, q, u, y,

=== Code Execution Successful ===

Q.2 Write a Program to count the total number of digits in a number.

For example,

Input:

Enter any number: 752

Output:

Total number of digits: 3

Ans: #include <stdio.h>

```c
int main() {
   int num, count = 0;

   printf("Enter any number: ");
   scanf("%d", &num);
```

```c
    while(num!= 0) {
        num /= 10;
        count++;
    }

    printf("Total number of digits: %d\n", count);

    return 0;
}
```

O\p: /tmp/EGNKA3BfFz.o
Enter any number: 752
Total number of digits: 3

=== Code Execution Successful ===

Q.3 Write a Program to find the sum of the first and the last digit of a number.
For example,
Input:
Enter any number: 384

Output:
The sum of the first and the last digit: 7

Ans: #include <stdio.h>

```c
int main() {
    int num, firstdigit, lastdigit;

    printf("Enter any number: ");
    scanf("%d", &num);

    firstdigit = num % 10;
    lastdigit = num;

    while(lastdigit >= 10) {
        lastdigit /= 10;
    }


    printf("The sum of the first and the last digit: %d\n", firstdigit+lastdigit);
```

```
    return 0;
}
```
O\p: /tmp/oGeVDXpDa8.o
Enter any number: 384
The sum of the first and the last digit: 7

=== Code Execution Successful ===