

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:

// Online C compiler to run C program online

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

```
int main() {  
    char ch = 'a';  
    //print the alphabet  
    // alphabet after skipping  
  
    do {  
        printf("%c, ", ch);  
        ch += 4;  
    } while(ch <= 'z');  
    // continue 'z' is reached  
  
    return 0;  
}
```

o/p;

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:

// Online C compiler to run C program online

```
#include <stdio.h>

int main() {
    int number, count = 0;

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

    // Counting the digits
    while (number != 0) {
        number /= 10;
        count++;
    }

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

    return 0;
}
```

o/p;

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:

// Online C compiler to run C program online
#include <stdio.h>

```
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:

Enter any number: 384

The sum of the first and the last digit: 7

=== Code Execution Successful ===