

57] Write a program to separate and display digits of a given integer number.

```

-4 #include <stdio.h>
void main()
{
    int num, digit;
    clrscr();
    printf("\nEnter an integer Number:");
    scanf("%d", &num);
    printf("\nDigits are:");
    while (num > 0)
    {
        digit = num % 10;
        printf("\n%d", digit);
        num = num / 10;
    }
    getch();
}

```

Output:

Enter an integer number : 32767

Digits are:

7

6

7

2

3