**EXP9**

**Sum of digits of a number**

**CODE:**

#include <stdio.h>

void sumofdigits()

{

int n, sum = 0;

printf("Enter a number: ");

scanf("%d", &n);

for (; n > 0; sum += n % 10, n /= 10)

{

}

printf("The sum of digits: %d", sum);

}

int main()

{

sumofdigits();

return 0;

}

**OUTPUT:**



**Multiplication table for a number.**

**CODE:**

#include <stdio.h>

int main() {

int n, i;

printf("Enter an integer: ");

scanf("%d", &n);

for (i = 1; i <= 10; ++i) {

printf("%d \* %d = %d \n", n, i, n \* i);

}

return 0;

}

**OUTPUT:**

