1. **Factors of n numbers**

**Code:**

#include <stdio.h>

void printFactors(int n, int i) {

if (i > n)

return;

if (n % i == 0) {

printf("%d ", i);

printFactors(n, i + 1);

} else {

printFactors(n, i + 1);

}

}

int main() {

int n;

printf("Enter a positive integer: ");

scanf("%d", &n);

printf("Factors of %d are: ", n);

printFactors(n, 1);

return 0;

}

**Output:**

Enter a positive integer: 36

Factors of 36 are: 1 2 3 4 6 9 12 18 36

--------------------------------

Process exited after 33.21 seconds with return value 0

Press any key to continue . . .

