C programming28 for loop

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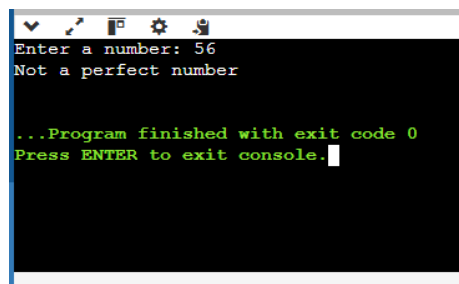
1 Check whether a given number is perfect number or not

```c
#include <stdio.h>

int main() {
    int num, i, sum = 0;
    printf("Enter a number: ");
    scanf("%d", &num);

    for (i = 1; i <= num / 2; i++) {
        if (num % i == 0)
            sum += i;
    }

    if (sum == num)
        printf("Perfect number\n");
    else
        printf("Not a perfect number\n");
    return 0;
}
```

Figure 1: Enter Caption