

The image shows a screenshot of the Code::Blocks IDE. On the left, the source code for a C program named 'even num.c' is displayed. The code includes `<stdio.h>` and defines a `main` function. Inside `main`, it declares `int a=2;` and `int num;`. It prompts the user to enter a maximum value using `printf` and reads the input with `scanf("%d", &num);`. A `while` loop is used to print even numbers from 2 to `num`, incrementing `a` by 2 in each iteration. The code is as follows:

```
1 #include <stdio.h>
2 int main()
3 {
4     int a=2;
5     int num;
6     printf("\n Please Enter the Maximum num Value : ");
7     scanf("%d", &num);
8     printf("Even numbers in the list are : ");
9     while( a <= num)
10    {
11        printf("%d \t",a);
12        a=a+2;
13    }
14 }
15
```

On the right, the execution output is shown in a terminal window titled "C:\Users\91756\Documents\c program\even num.exe". The output displays the prompt "Please Enter the Maximum num Value : 24", followed by the list of even numbers "Even numbers in the list are : 2 4 6 8 10 12 14 16 18 20 22 24". It also shows the status "Process returned 0 (0x0) execution time : 13.580 s" and the instruction "Press any key to continue.".