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Steps to compile and run it in the Ubuntu terminal:

**Step 1: Create a C File**

Create a C source code file named even\_odd.c using a text editor, and write your C program in it.

#include <stdio.h>

**int main() {**

**int number;**

**printf("Enter an integer: ");**

**scanf("%d", &number);**

**if (number % 2 == 0) {**

**printf("%d is even.\n", number);**

**} else {**

**printf("%d is odd.\n", number);**

**}**

**return 0;**

**}**

**Save the file.**

**Step 2: Open the Terminal**

Open a terminal window in Ubuntu.

**Step 3: Navigate to the Directory**

Use the cd command to navigate to the directory where your even\_odd.c file is located. For example:

**cd ~/Desktop**

**Replace ~/Desktop with the actual path to your C file if it's located elsewhere.**

**Step 4: Compile the C File**

Compile the even\_odd.c file using the gcc command:

**gcc -o even\_odd even\_odd.c**

This command tells gcc to compile even\_odd.c and produce an executable file called even\_odd.

**Step 5: Run the Executable**

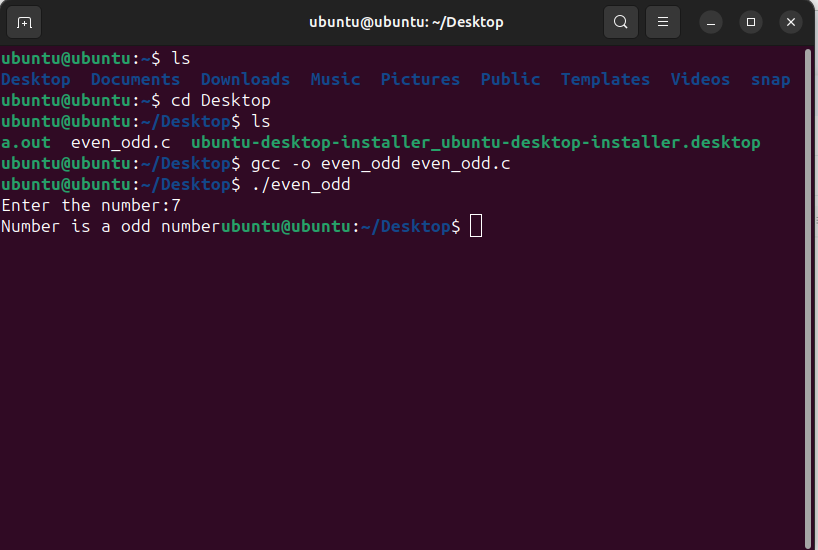
After successful compilation, you can run the executable with the following command:

**./even\_odd**

You'll be prompted to enter an integer, and the program will determine whether it's even or odd based on your input.

Replace even\_odd.c with the name of your C file and even\_odd with the name you provided after the -o flag during compilation.

**Screenshot:-**

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