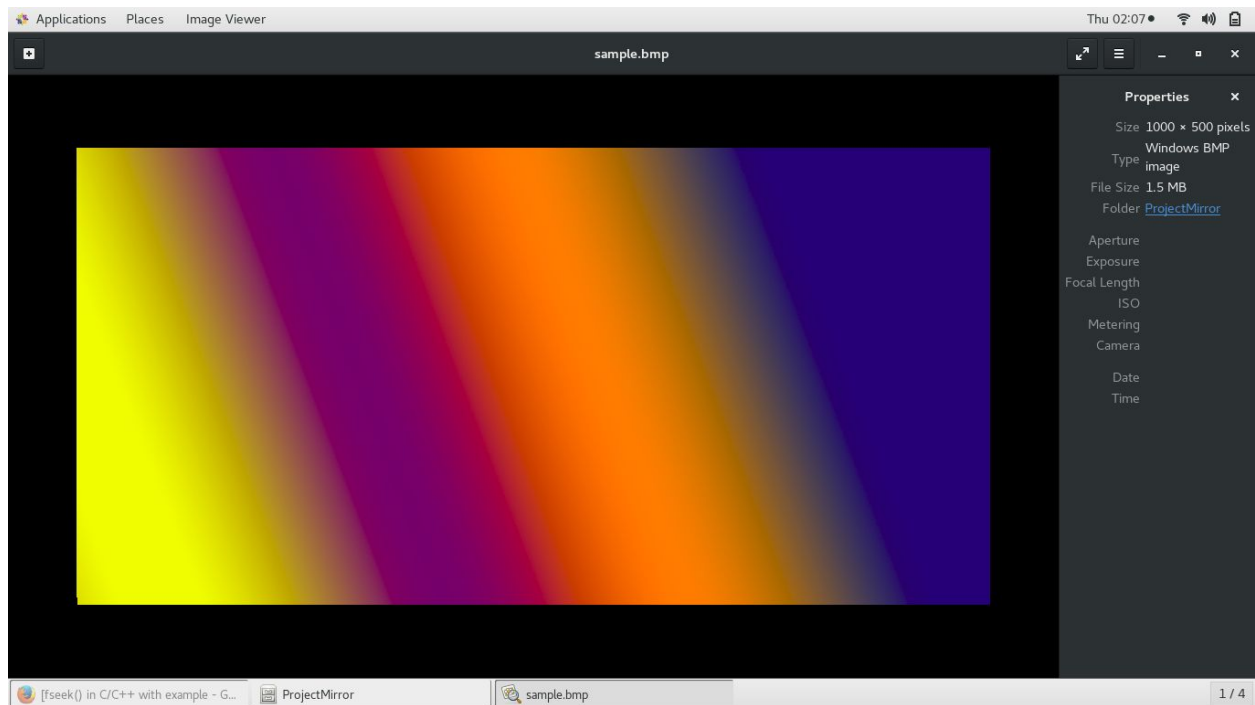


Original image:



Compilation and Execution of C code:

```
File Edit View Search Terminal Help
[sangeetagupta1998@localhost ProjectMirror]$ gcc -c bitmap.c -std=c99
[sangeetagupta1998@localhost ProjectMirror]$ gcc bitmap_test.c bitmap.o -o bmpTest
[sangeetagupta1998@localhost ProjectMirror]$ ./bmpTest sample.bmp
ID is: 19778, should be 19778
File size is 1500056 bytes
Offset to image data is 54 bytes
Image size = 1000 x 500
Number of colour planes is 1
Bits per pixel is 24
X resolution 2834 and Y resolution 2834
Compression type is 0
Number of colours is 0
Number of required colours is 0
Successfully mirrored!
[sangeetagupta1998@localhost ProjectMirror]$
```

The screenshot shows a terminal window with the following commands and output:

```
File Edit View Search Terminal Help
[sangeetagupta1998@localhost ProjectMirror]$ gcc -c bitmap.c -std=c99
[sangeetagupta1998@localhost ProjectMirror]$ gcc bitmap_test.c bitmap.o -o bmpTest
[sangeetagupta1998@localhost ProjectMirror]$ ./bmpTest sample.bmp
ID is: 19778, should be 19778
File size is 1500056 bytes
Offset to image data is 54 bytes
Image size = 1000 x 500
Number of colour planes is 1
Bits per pixel is 24
X resolution 2834 and Y resolution 2834
Compression type is 0
Number of colours is 0
Number of required colours is 0
Successfully mirrored!
[sangeetagupta1998@localhost ProjectMirror]$
```

The bottom of the window shows a taskbar with icons for a terminal, 'ProjectMirror', 'sample.bmp', and 'sangeetagupta1998@localhost:~/De...'.

Mirrored image file after execution of above code:

