# Task Completed

I completed the program easily, creating a simple windows application that took in arguments for the image local path and outputted the number of columns in it. Here is the link to it, on my <https://github.com/affanu02/TMMC-proj>. This code was created to run locally on the user’s console itself. It accomplishes its main task counting how many lines there are:

A screenshot of a computer screen

Description automatically generated

# TMMC Test Challenges

I faced issues when it came to uploading the windows console app to a link accessible for other users to use/test with. I was told to upload the code so that it can showcase the capabilities of it. So, I have created a link for any user to click to test out an image of theirs and count how many lines they can have. This took some trial and error and some quick research, and it came to a point that I was able to test online with **non-local** image addresses. This meant that we are unable to test with using the absolute local path: *C:\Users\Affan\Downloads\img\_3.jpg*

Here is the link to test other images: <https://tmmc-test-affan-khan.azurewebsites.net/api/Function1>

Where the imagePath parameter is a link of an image after the function call

For example it takes *Figure 1*: [https://tmmc-test-affan-khan.azurewebsites.net/api/Function1**?imagePath=**https://thumb.ac-illust.com/fa/fa7e031b305ce3134cd5b0ab03ef6202\_t.jpeg](https://tmmc-test-affan-khan.azurewebsites.net/api/Function1?imagePath=https://thumb.ac-illust.com/fa/fa7e031b305ce3134cd5b0ab03ef6202_t.jpeg)

Figure 1 Online Barcode Image: 23 black lines

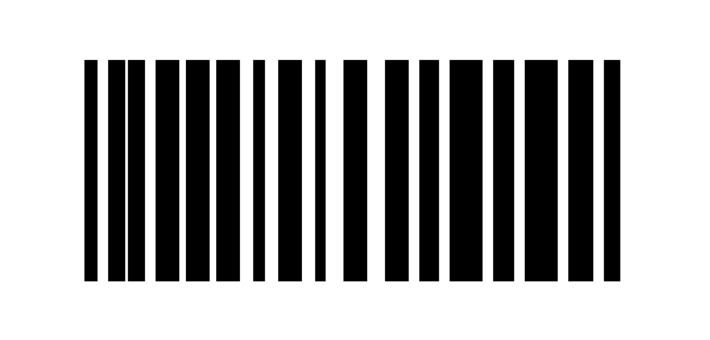
I tested another image as well with the link: <https://tmmc-test-affan-khan.azurewebsites.net/api/Function1?imagePath=https://thumb.ac-illust.com/15/15c1a38477e96701c4aa5b88ea796917_t.jpeg>

Figure 2: 17 black lines

# Final Thoughts

As the instructions specified, I created a windows console app with the only behavior, taking in 1 argument and outputting the number of vertical lines. I have provided the source code in my [GitHub repo](https://github.com/affanu02/TMMC-proj.) and a readme.txt file explaining the simple usage of this app.