

Firstly, when opening the file we see that it's a .png file.



There seems to be nothing fishy about the file here ,so let’s run it through a steganography tool to see if anything is encoded into the file.

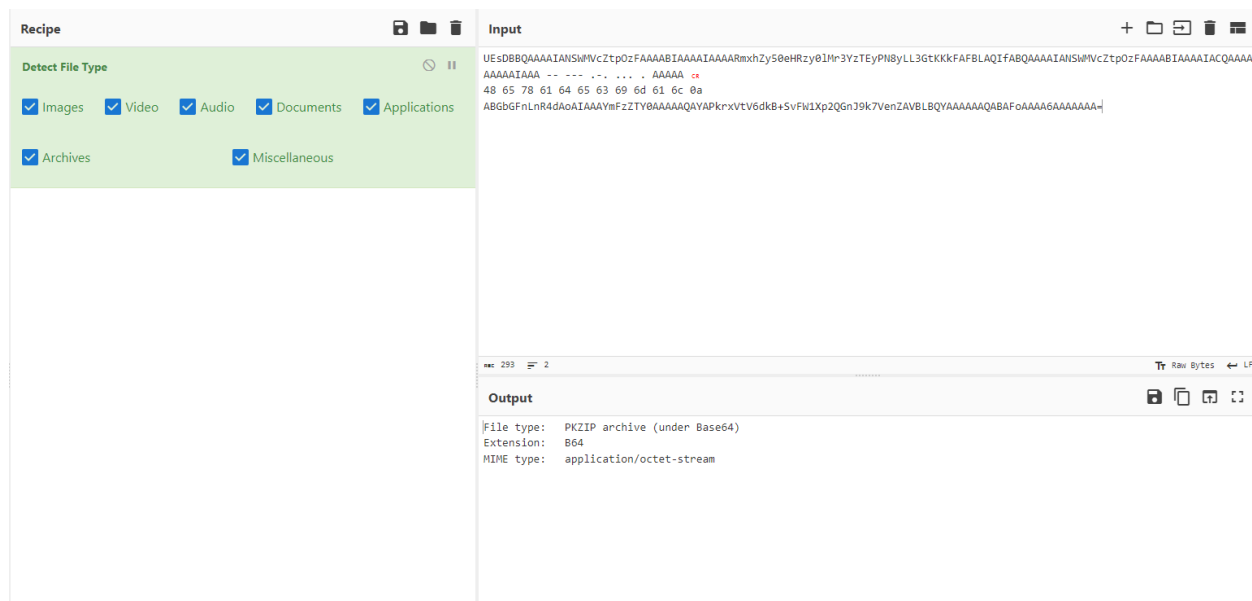
Hidden message

```
UESDBBQAAAAIANSWMVcZtpOzFAAAABIAAAIAAAARmxhZy50eHRzY0lMr3YzTEyPN8yLL3GtKKkFAFBLaQIfABQAAAAIANSWMVcZtpOzFAAAABIAAAIACQAAAAAAAAIAAA -  
-----AAAAA  
48 65 78 61 64 65 63 69 6d 61 6c 0a  
ABGbGFnlR4dAoAIAAAymFzZTY0AAAAAQAYAPkrxVIV6dkB+SvFW1Xp2QGnJ9k7VenZAVBLBQYAAAAAQABAFoAAAA6AAAAAA=
```

Input



Here, we can see there is some suspicious looking string, lets try to put it in cyber chef to see if we can get anything from there



Using the magic tool we see that it is a zip file but its not opening?

Must be something wrong with the string

UESDBBQAAAAIANSWMVcZtpOzFAAAABIAAAAIAAAARmxhZy50eHRzy0lMr3YzTEyPN8yLL3GtKKkFAFBLAQIfABQAAAAIANSWMVcZtpOzFAAAABIAAAAIACQAAAAAAAAAAAAIAAA -- --- -. AAAAA

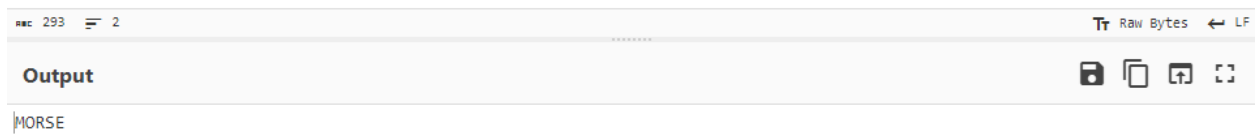
48 65 78 61 64 65 63 69 6d 61 6c 0a

ABGbGFnlR4dAoAIAAAAYmFzZTY0AAAAAQAYAPkrxVtV6dkB+SvFW1Xp2QGnJ9k7VenZAVBLBQYAAAAAQAABAFoAAAAA6AAAAAA==

It appears to be a base 64 format as it ends with a "=" sign, but has suspicious other strings attached to it.

One part appears to be morse code.

```
UESDBBQAAAAIANSWMVcZtp0zFAAABIAAAAAIAAAARmxhZy50eHRzy0lMr3YzTEyPN8yLL3GtKKkFAFBLAQIfABQAAAAIANSWMVcZtp0zFAAABIAAAAAIACQAAAA  
AAAAAIAAA -- --- .-. ... . AAAAA cr  
48 65 78 61 64 65 63 69 6d 61 6c 0a  
ABGbGFnLnR4dAoAIAAAYmFzZTY0AAAAAQAYAPkrxVtV6dkB+SvFw1Xp2QGnJ9k7VenZAVBLBQYAAAAAQABAFoAAAA6AAAAAA=
```



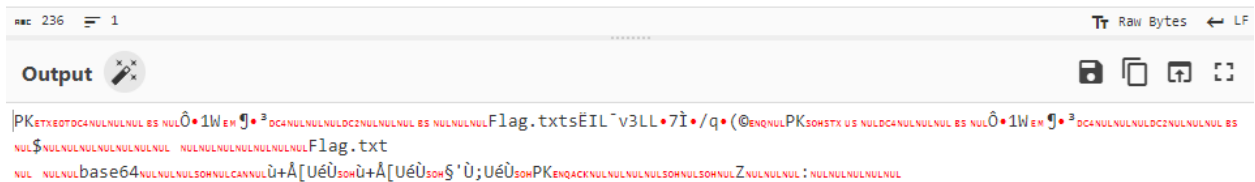
The code spells out morse, lets cut it out for now

The other bits of foreign code seem to be hexadecimal lets try that.

[illegible]

Lets try it again

UESDBBQAAAAIAN\$NMVvcZtpOzFAAAABIAAAIAAAARmxhZy50HRZy01Mr3YzTEyPN8yLL3GtKKKfAFBBLAQIFABQAAAAIAN\$NMVvcZtpOzFAAAABIAAAIACQAAAA
AAAAIAAAAAAABGbgFnLnR4doAIAAAyMfZzTY0AAAAQAYAPkrxvtV6dkB+SvFW1Xp2QGnJ9k7VenZAVBLBQYAAAAAQAfBAFOAAAA6AAAAAA=



Hmm, now in base 64 form we have a bit of string that says base64, this makes sense to cut it out as, the out morse for morse code ,and hexadecimal for hex.

```
UESDBBQAAAAIANSWMVcZtp0zFAAABIAAAAAIAAAARmxhZy50eHRzy01Mr3YzTEyPN8yLL3GtKKkFAFBLaQIfABQAAAAIANSWMVcZtp0zFAAABIAAAAAIACQAAAA  
AAAAAIAAAAAAABGbgFnLnR4dAoIAAAQAAAAQAYAPkrxVtV6dkB+SvFW1Xp2QGnJ9k7VenZAVBLBQYAAAAAQAABAFoAAAA6AAAAA=
```

228 1

Raw Bytes LF

Output

1 file(s) found

Flag.txt

18 bytes

Flag{Flag_1n_tExt}

And there we have it, the flag was in a zip file, but the zip file couldn't be opened as there were some unneeded text in there.