A Presentation
on

----Making QR Code in Python ------
Department of Computer Applications.

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INTRODUCTION

1 .In this article, we will learn how to create a QR code in python .

2.We will create the structure of QR code with the use of python functions.

3..Python will be used to implement the logic for making QR code.

Thankyou!!

SOFTWARE AND TOOLS USED ARE:-

1. Python
2. SEVER USED: LIVE SERVER.
3. IDE:- VS CODE.

Generate a QR Code using Python

Understanding the QR Code

1. QR code is a machine-readable barcode designed in two-dimensional pixelated form.

2. The QR code can be used to store a range of data.

3. QR in QR code is abbreviated for Quick Response.

4. QR code was invented in the year 1994 by Masahiro Hara, a Japanese engineer from Automobile Manufacturer Denso Wave, in order to track the movement of car parts.

5. The popularity of the QR code has increased in the later 2010s with improvement in optical proficiencies of Mobile Phones and their extensive acceptance.

6. At the moment, QR codes are being utilized for a wide range of applications such as making online payments, checking hotel menus, sharing Wi-Fi passwords, obtaining cost and other information of products, and a lot more.

7. QR codes have become so famous that now every new smartphone comes with a built-in QR code reader.

EXPLORER   ...   xyz.py   ●   image.png

∨ PROO

image.png
xyz.py

xyz.py > ...
```
1   import qrcode
2   generate_image = qrcode.make("https://www.whatsapp.com/")
3   generate_image.save("image.png")
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine
Line'.

PS C:\Users\hp\Desktop\proo> & C:/Users/hp/AppData/Local/Programs/Python/Python310/python.exe c:
Traceback (most recent call last):
  File "c:\Users\hp\Desktop\proo\xyz.py", line 8, in <module>
    qr.make(fit = True)
NameError: name 'qr' is not defined
PS C:\Users\hp\Desktop\proo> & C:/Users/hp/AppData/Local/Programs/Python/Python310/python.exe c:
Traceback (most recent call last):
  File "c:\Users\hp\Desktop\proo\xyz.py", line 8, in <module>
    qr.make(fit = True)
NameError: name 'qr' is not defined

> OUTLINE
> TIMELINE

⊗ 0 ⚠ 0   ⚥ 0

26°C
Haze   Search

```
PS C:\Users\hp\Desktop\proo> & C:/Users/hp/AppData/Local/Programs/Python/Python310/python.exe c:/Users/hp/Desktop/proo/xyz.py
Traceback (most recent call last):
  File "c:\Users\hp\Desktop\proo\xyz.py", line 8, in <module>
    qr.make(fit = True)
NameError: name 'qr' is not defined
PS C:\Users\hp\Desktop\proo> & C:/Users/hp/AppData/Local/Programs/Python/Python310/python.exe c:/Users/hp/Desktop/proo/xyz.py
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```