

# Software

Date	12 November 2022
Team ID	PNT2022TMID38953
Project Name	IOT Based Safety Gadget For Child Safety Monitoring & Notification

The screenshot displays a Windows desktop environment. On the left, a search bar shows results for Python software, including Python 3.7 and Python 3.10 (64-bit) desktop apps, manuals, and module docs. In the center, a web browser window shows the GitHub repository for 'Prerequisites / Software' with 3980 stars. On the right, the Python 3.10.7 IDE (IDLE) is open, displaying a Python script. The script includes basic data types, string operations, and list manipulations.

**Search Results (Left Panel):**

- Best match:** Python 3.7 (64-bit) Desktop app, IDLE (Python 3.10 64-bit) Desktop app.
- Apps:** Python 3.7 Manuals (64-bit), Python 3.10 (64-bit), Python 3.7 Module Docs (64-bit), Python 3.10 Manuals (64-bit).
- Photos:** Python logos.
- Web:** python, python online compiler, python download, python idle.

**GitHub Repository (Center Window):**

- Repository: 3980 / Prerequisites / Software /
- Buttons: Go to file, Add file, ...
- Actions: Create t.jpg (1 minute ago).
- Footer: Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, About.

**Python IDE (Right Window):**

```

Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> = RESTART: C:\Users\Sathish Kumar\AppData\Local\Programs\Python\Python310\1.py
>>> 1 <class 'int'>
>>> 1.1 <class 'float'>
>>> (6+9j) <class 'complex'>
>>> True <class 'bool'>
>>> Sathish <class 'str'>
>>> 1 1.1 (6+9j) True Sathish
>>>

1.py - C:\Users\Sathish Kumar\AppData\Local\Programs\Python\Python310\1.py (3.10.7)
File Edit Format Run Options Window Help
a=1
b=1.1
c=6+9j
d=True
e="Sathish"
print(a,type(a))
print(b,type(b))
print(c,type(c))
print(d,type(d))
print(e,type(e))
print(a,b,c,d,e)
...
l,k,m=1,23.3,"Kumar"
print(l)
print(k,m)

i="paramesh S"
print(i[3])
print(len(i))

#slicing
print(i[2:5])
print(i[::2])#print alternate char
print(i[1:-1])#print revers
print(i[-8:-5])

print(i[-4:-7:-1])
print(i[6:3:-1])

a=" kesavabharathi p "
print(a.strip())
print(a.rstrip())
print(a.lstrip())

print(a.find("sava"))
print(a.count("a"))
print(a.replace("a","E"))
  
```