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Prime-Number-Program

Python 3 program to display the prime numbers

This program is written in **Python 3** which aims to aim **display the prime numbers from 1-100**. In addition to this, there are some *extra features* such as:

- Asks the user their name (Line 10 - 16):

```
print('Welcome to Huzaifahs prime number program')
```

```
Name = input('Enter your name:')
```

```
print('Hello' + ' ' + Name)
```

```
input('Press enter to continue')
```

- Tells them the definition of a prime number (Line 18 - 20):

```
print('A prime number is a number that can only be divided by 1 or itself')
```

- Asks them if they want to see a fun fact about prime numbers and then (Line 22 - 28):

```
print('Type Fact if you want to see a fun fact about prime numbers or press enter to continue')
```

```
fact = input('>>')
```

```
if fact=='Fact':
```

```
`print('Did you know that 1 is not a prime number. This makes 2 the smallest prime number')`
```

```
else:
```

```
`print('Okay we will move on')`
```

```
input('Press enter to continue')
```

- Asks the user if they want to see the prime numbers from 1-100. If they say yes then it would display the prime numbers but if they say no the program will end (Line 30 - 66):

```
for num in range(2,100):
```

```
    if num > 1:
```

```
        for i in range(2,num):
```

```
            if (num % i) == 0:
```

```
                break`</code></pre>
```

```
else:
```

```
    `print(num)`
```

How to run the prime number program

For users who are new to visiting this repository, this is a step by step guide to running my program:

1. Stay on the current repository (Prime-Number-Program) and click and open on the file that says "PrimeNumberHuzaifah.py"
2. Next, copy the whole code and paste into any Python IDLE (I would recommend using the IDE from Python.org).
Click on the link to download Python3.8.3 <https://www.python.org/downloads/> or you can use an online Python IDE by clicking on this link <https://repl.it/languages/python3> and pasting my code on to the main.py file.
3. Once downloaded and installed, click on IDLE(Python3.8 32-bit).
4. Once open, click on the edit tab and open a blank file. Thereafter paste the code and save it (**save the file as (WhateverNameYouWant .py).
5. When you have saved the file, you can run the code by pressing F5 or clicking on the 'Run button' in the Run tab.

**Any problems just email me on: huzaifahhensrot@gmail.com