

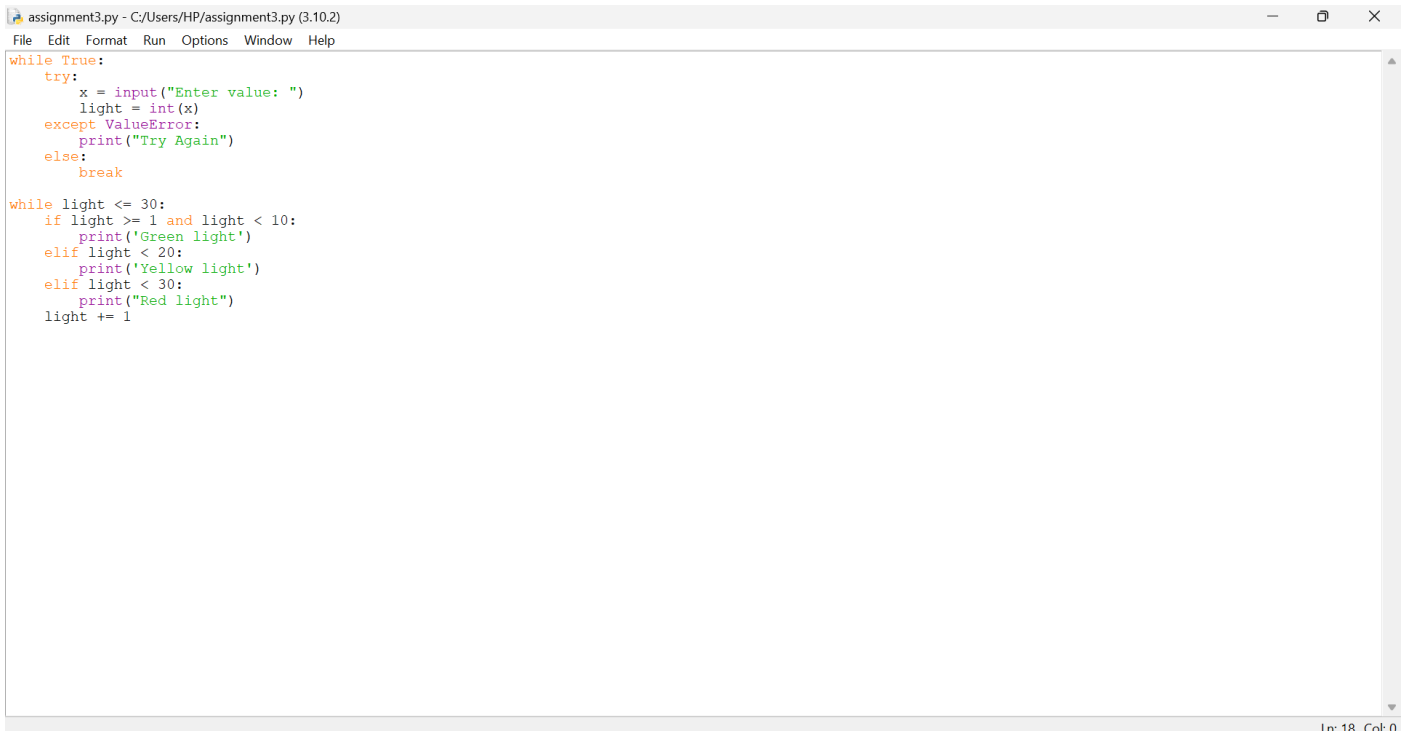
ASSESSMENT 3

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TRAFFIC LIGHT CONTROL SYSTEM

CODE:

A screenshot of a Python IDE window titled 'assignment3.py - C:/Users/HP/assignment3.py (3.10.2)'. The window has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The code is as follows:

```
while True:
    try:
        x = input("Enter value: ")
        light = int(x)
    except ValueError:
        print("Try Again")
    else:
        break

while light <= 30:
    if light >= 1 and light < 10:
        print('Green light')
    elif light < 20:
        print('Yellow light')
    elif light < 30:
        print("Red light")
    light += 1
```

The status bar at the bottom right shows 'Ln: 18, Col: 0'.

while True:

try:

x = input("Enter value: ")

light = int(x)

except ValueError:

print("Try Again")

else:

break

while light <= 30:

if light >= 1 and light < 10:

```
print('Green light')  
elif light < 20:  
    print('Yellow light')  
elif light < 30:  
    print("Red light")  
light += 1
```

OUTPUT:



```
IDLE Shell 3.10.2  
File Edit Shell Debug Options Window Help  
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license()" for more information.  
>>>  
===== RESTART: C:/Users/HP/assignment3.py =====  
Enter value: 25  
Red light  
Red light  
Red light  
Red light  
Red light  
Red light  
>>>
```