what is python a popular programming language?

The python language is one of the most accessible programming languages available because it has simplified syntax and not complicated, which gives more emphasis on natural language.

what are the other frameworks thatcan be used with python.

Pyramid. Another open-source Python framework on our list is Pyramid.

TurboGears. TurboGears is an open-source, data-driven, full-stack Python framework.

Web2py. Web2py is a highly scalable, open-source full-stack Python framework.

CherryPy.

Flask.

Sanic.

Full Form of WSGI.

The Web Server Gateway Interface (WSGI) is a standard interface between web server software and web applications written in Python. Having a standard interface makes it easy to use an application that supports WSGI with a number of different web servers.

```
def add(x, y):
    return x + y
def subtract(x, y):
    return x - y
def multiply(x, y):
    return x * y
def divide(x, y):
    return x / y
print("Select operation.")
print("1.Add")
print("2.Subtract")
print("3.Multiply")
print("4.Divide")
while True:
    choice = input("Enter choice(1/2/3/4): ")
    if choice in ('1', '2', '3', '4'):
        num1 = float(input("Enter first number: "))
        num2 = float(input("Enter second number: "))
        if choice == '1':
            print(num1, "+", num2, "=", add(num1, num2))
        elif choice == '2':
            print(num1, "-", num2, "=", subtract(num1, num2))
        elif choice == '3':
            print(num1, "*", num2, "=", multiply(num1, num2))
        elif choice == '4':
            print(num1, "/", num2, "=", divide(num1, num2)
        next_calculation = input("Let's do next calculation? (yes/no): ")
        if next_calculation == "no":
            break
```

```
Select operation.
1.Add
2.Subtract
3.Multiply
4.Divide
Enter choice(1/2/3/4): 3
Enter first number: 15
Enter second number: 14
15.0 * 14.0 = 210.0
Let's do next calculation? (yes/no)
```

```
['a', 'b', 'c', 'd', 'e']
```

In [5]:
```
b.insert(2,'d')
print(b)
```

```
['a', 'b', 'd', 'c', 'd', 'e']
```

In [6]:
```
c=['f','g','h','i']
b.extend(c)
print(b)
```

```
['a', 'b', 'd', 'c', 'd', 'e', 'f', 'g', 'h', 'i']
```

In [8]:
```
b.reverse()
print(b)
```

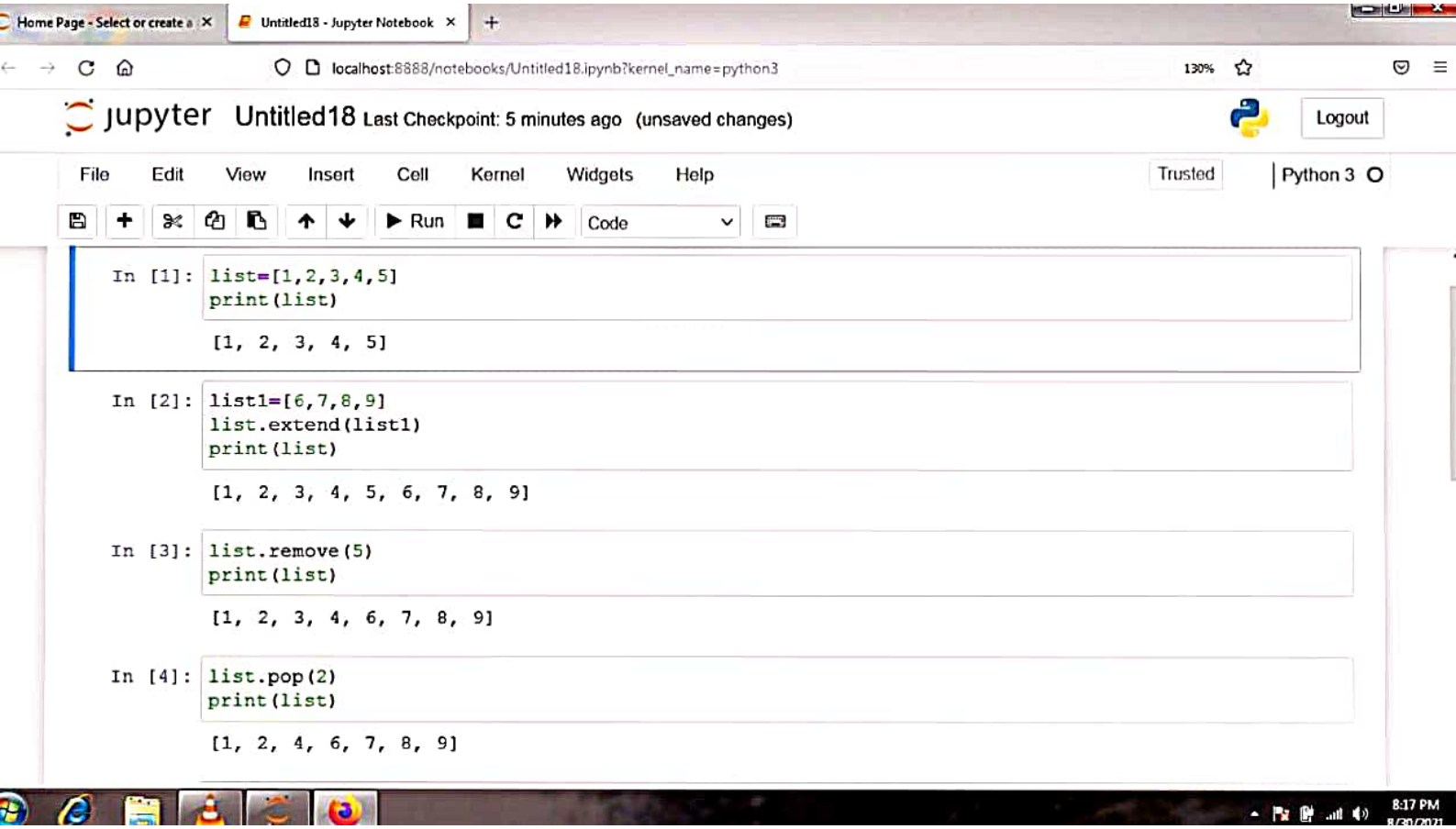
```
['i', 'h', 'g', 'f', 'e', 'd', 'c', 'd', 'b', 'a']
```

In [10]:
```
d=b.count('d')
print(d)
```

```
2
```

In [ ]:

In [ ]: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Trusted
Python 3
Run
Code
In [1]:
list=[1,2,3,4,5]
print(list)
[1, 2, 3, 4, 5]
In [2]:
list1=[6,7,8,9]
list.extend(list1)
print(list)
[1, 2, 3, 4, 5, 6, 7, 8, 9]
In [3]:
list.remove(5)
print(list)
[1, 2, 3, 4, 6, 7, 8, 9]
In [4]:
list.pop(2)
print(list)
[1, 2, 4, 6, 7, 8, 9]
8:17 PM