

1.

```
#insert (i,e)
alist=["i","e"]
#remove e
alist.remove("e")
#append e
alist.append("e")
#sort
alist.sort()
#pop the last element
alist.pop(1)
#reverse
alist.reverse()
#print
print(alist)
```

2.

```
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
else:
    print("Invalid Input")
```

### 3. CONCATENATE

```
str1 = "Hello"
str2 = " Imran"
print(str1 + str2)
```

### REVERSE

```
str = ' This is Imran'
print(str[13:0:-1])
```

### SLICE

```
str1 = 'This is Imran'
print(str1[0:7])
```

#### 4. Why is Python a popular programming language?

Python is easy to learn

It uses a simplified syntax with an emphasis on natural language,  
for a much easier learning curve for beginners.

And, because Python is free to use and is supported by an extremely large ecosystem of libraries and packages,

it's often the first-choice language for new developers.

#### 5. What are the other Frameworks that can be used with Python?

1. Django
2. Bottle
3. Pyramid
4. Web2py

#### 6. Full form of WSGI?

Web server gateway interface