

```
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. #Addition
def add(x, y):
    return x + y
#Subtraction
def subtract(x, y):
    return x - y
#Multiplicaiton
def multiply(x, y):
    return x * y
#Divition
def divide(x, y):
    return x / y
```

```
#Selection Option
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

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

3. concatenate

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

4. Reverse

```
str = ' Dinesh'

print(str[13:0:-1])
```

5. Slice

```
str1 = 'This is dinesh'

print(str1[0:7])
```