**CRUD operation in arrays:**

**Python code:**

class CRUDarr:

def \_\_init\_\_(self):

self.arr = []

def create(self, value):

self.arr.append(value)

def read(self):

if not self.arr:

print("Array is empty.")

else:

print(self.arr)

def update(self, index, value):

if 0 <= index < len(self.arr):

self.arr[index] = value

else:

print("Invalid index!")

def delete(self, index):

if 0 <= index < len(self.arr):

self.arr.pop(index)

else:

print("Invalid index!")

crud = CRUDarr()

crud.create(30)

crud.create(35)

crud.create(40)

crud.read()

crud.update(2, 50)

crud.read()

crud.delete(0)

crud.read()