#python program to demonstrate basic data structure

#primitive data structure

a=10

b=20.432

c='cse'

print(a)

print(b)

print(c)

#non primitive

import array as ar

a1=ar.array('i',[1,2,3,4])

print(a1)

a2=ar.array('f',[10.2,15.8,6.3])

print(a2)

stack=[]

stack.append(10)

stack.append(20)

stack.append(30)

stack.append(40)

print("stack values",stack)

stack.pop()

stack.pop()

print("after poping",stack)

queue=[]

queue.append(10)

queue.append(20)

queue.append(30)

queue.append(40)

print("queue values",queue)

queue.pop()

queue.pop()

print("after poping",queue)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*output\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

10

20.432

cse

array('i', [1, 2, 3, 4])

array('f', [10.199999809265137, 15.800000190734863, 6.300000190734863])

stack values [10, 20, 30, 40]

after poping [10, 20]

queue values [10, 20, 30, 40]

after poping [10, 20]