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**BS Computer Science** 

4<sup>th</sup> Semester

Sessional Assignment No: 02

**Design and Analysis of Algorithms** 

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16/06/2020

## Q1:

```
QUEUEDY-DAS COMPUTER SCENCE And SEMESTER Design and Analysis of Algorithm QUEUEDy (3.7.4)

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Class Queu!

def __init__(self):
    self: _queu = []:
    "" Add an item """

    def queu(self; item):
        self: _queu, append(item)
    ""Remove an item """

def queu(self):
    if len(self, queu) < 1:
        return None
    ""of verturn Self, queu ueu""

def display(self):
    print (self, queu)

def size(self):
    return len(self, queu)

print ("self, queu)

print (
```

## **Output:**

## **Q2**:

## **Output:**

