

Output Obtained

For iteration : 0

(Future Event List :', [['Customer : 1', 0.09834027418681303, 'Arrival']])
(Current Event : ', ['Customer : 1', 0.09834027418681303, 'Arrival'])
(Current Time :', 0.09834027418681303)
(Current Customers in the Queue', 0)
For iteration : 1

(Future Event List :', [['Customer : 2', 0.18779013555692525, 'Arrival'], ['Customer : 1', 0.6702071086893169, 'Departure']])
(Current Event : ', ['Customer : 2', 0.18779013555692525, 'Arrival'])
(Current Time :', 0.18779013555692525)
(Current Customers in the Queue', 0)
For iteration : 2

(Future Event List :', [['Customer : 3', 0.5780526611444732, 'Arrival'], ['Customer : 1', 0.6702071086893169, 'Departure']])
(Current Event : ', ['Customer : 3', 0.5780526611444732, 'Arrival'])
(Current Time :', 0.5780526611444732)
(Current Customers in the Queue', 1)
For iteration : 3

(Future Event List :', [['Customer : 1', 0.6702071086893169, 'Departure'], ['Customer : 4', 0.9903687506804082, 'Arrival']])
(Current Event : ', ['Customer : 1', 0.6702071086893169, 'Departure'])
(Current Time :', 0.6702071086893169)
(Current Customers in the Queue', 2)
For iteration : 4

(Future Event List :', [['Customer : 4', 0.9903687506804082, 'Arrival'], ['Customer : 2', 1.5460246546217804, 'Departure']])
(Current Event : ', ['Customer : 4', 0.9903687506804082, 'Arrival'])
(Current Time :', 0.9903687506804082)
(Current Customers in the Queue', 1)
For iteration : 5

(Future Event List :', [['Customer : 2', 1.5460246546217804, 'Departure'], ['Customer : 5', 1.8110825336449272, 'Arrival']])
(Current Event : ', ['Customer : 2', 1.5460246546217804, 'Departure'])
(Current Time :', 1.5460246546217804)
(Current Customers in the Queue', 2)
For iteration : 6

('Future Event List :', [['Customer : 5', 1.8110825336449272, 'Arrival'], ['Customer : 3', 1.9633290484911579, 'Departure']])
('Current Event : ', ['Customer : 5', 1.8110825336449272, 'Arrival'])
('Current Time :', 1.8110825336449272)
('Current Customers in the Queue', 1)
For iteration : 7

('Future Event List :', [['Customer : 3', 1.9633290484911579, 'Departure'], ['Customer : 6', 2.0109424645022176, 'Arrival']])
('Current Event : ', ['Customer : 3', 1.9633290484911579, 'Departure'])
('Current Time :', 1.9633290484911579)
('Current Customers in the Queue', 2)
For iteration : 8

('Future Event List :', [['Customer : 6', 2.0109424645022176, 'Arrival'], ['Customer : 4', 2.890327250952047, 'Departure']])
('Current Event : ', ['Customer : 6', 2.0109424645022176, 'Arrival'])
('Current Time :', 2.0109424645022176)
('Current Customers in the Queue', 1)
For iteration : 9

('Future Event List :', [['Customer : 7', 2.1301204825849602, 'Arrival'], ['Customer : 4', 2.890327250952047, 'Departure']])
('Current Event : ', ['Customer : 7', 2.1301204825849602, 'Arrival'])
('Current Time :', 2.1301204825849602)
('Current Customers in the Queue', 2)
For iteration : 10

('Future Event List :', [['Customer : 8', 2.211843649585851, 'Arrival'], ['Customer : 4', 2.890327250952047, 'Departure']])
('Current Event : ', ['Customer : 8', 2.211843649585851, 'Arrival'])
('Current Time :', 2.211843649585851)
('Current Customers in the Queue', 3)
For iteration : 11

('Future Event List :', [['Customer : 9', 2.236619812770363, 'Arrival'], ['Customer : 4', 2.890327250952047, 'Departure']])
('Current Event : ', ['Customer : 9', 2.236619812770363, 'Arrival'])
('Current Time :', 2.236619812770363)
('Current Customers in the Queue', 4)
For iteration : 12

('Future Event List :', [['Customer : 10', 2.8617139666485514, 'Arrival'], ['Customer : 4', 2.890327250952047, 'Departure']])
('Current Event : ', ['Customer : 10', 2.8617139666485514, 'Arrival'])
('Current Time :', 2.8617139666485514)
('Current Customers in the Queue', 5)
For iteration : 13

('Future Event List :', [['Customer : 4', 2.890327250952047, 'Departure'], ['Customer : 11', 2.967782614756585, 'Arrival']])
('Current Event : ', ['Customer : 4', 2.890327250952047, 'Departure'])
('Current Time :', 2.890327250952047)
('Current Customers in the Queue', 6)
For iteration : 14

('Future Event List :', [['Customer : 5', 2.9562188141855983, 'Departure'], ['Customer : 11', 2.967782614756585, 'Arrival']])
('Current Event : ', ['Customer : 5', 2.9562188141855983, 'Departure'])
('Current Time :', 2.9562188141855983)
('Current Customers in the Queue', 5)
For iteration : 15

('Future Event List :', [['Customer : 11', 2.967782614756585, 'Arrival'], ['Customer : 6', 3.982090936819505, 'Departure']])
('Current Event : ', ['Customer : 11', 2.967782614756585, 'Arrival'])
('Current Time :', 2.967782614756585)
('Current Customers in the Queue', 4)
For iteration : 16

('Future Event List :', [['Customer : 12', 3.8139597713825744, 'Arrival'], ['Customer : 6', 3.982090936819505, 'Departure']])
('Current Event : ', ['Customer : 12', 3.8139597713825744, 'Arrival'])
('Current Time :', 3.8139597713825744)
('Current Customers in the Queue', 5)
For iteration : 17

('Future Event List :', [['Customer : 6', 3.982090936819505, 'Departure'], ['Customer : 13', 4.282175923668759, 'Arrival']])
('Current Event : ', ['Customer : 6', 3.982090936819505, 'Departure'])
('Current Time :', 3.982090936819505)
('Current Customers in the Queue', 6)
For iteration : 18

('Future Event List :', [['Customer : 13', 4.282175923668759, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])
('Current Event : ', ['Customer : 13', 4.282175923668759, 'Arrival'])
('Current Time :', 4.282175923668759)
('Current Customers in the Queue', 5)
For iteration : 19

('Future Event List :', [['Customer : 14', 4.616521935742785, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])
('Current Event : ', ['Customer : 14', 4.616521935742785, 'Arrival'])
('Current Time :', 4.616521935742785)
('Current Customers in the Queue', 6)

For iteration : 20

('Future Event List :', [['Customer : 15', 4.6219861017686785, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 15', 4.6219861017686785, 'Arrival'])

('Current Time :', 4.6219861017686785)

('Current Customers in the Queue', 7)

For iteration : 21

('Future Event List :', [['Customer : 16', 5.019991279966137, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 16', 5.019991279966137, 'Arrival'])

('Current Time :', 5.019991279966137)

('Current Customers in the Queue', 8)

For iteration : 22

('Future Event List :', [['Customer : 17', 5.160760377254086, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 17', 5.160760377254086, 'Arrival'])

('Current Time :', 5.160760377254086)

('Current Customers in the Queue', 9)

For iteration : 23

('Future Event List :', [['Customer : 18', 5.614204612043698, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 18', 5.614204612043698, 'Arrival'])

('Current Time :', 5.614204612043698)

('Current Customers in the Queue', 10)

For iteration : 24

('Future Event List :', [['Customer : 19', 5.78865074613964, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 19', 5.78865074613964, 'Arrival'])

('Current Time :', 5.78865074613964)

('Current Customers in the Queue', 11)

For iteration : 25

('Future Event List :', [['Customer : 20', 5.911942810740196, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 20', 5.911942810740196, 'Arrival'])

('Current Time :', 5.911942810740196)

('Current Customers in the Queue', 12)

For iteration : 26

('Future Event List :', [['Customer : 21', 6.0307692022343575, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 21', 6.0307692022343575, 'Arrival'])

('Current Time :', 6.0307692022343575)

('Current Customers in the Queue', 13)

For iteration : 27

('Future Event List :', [['Customer : 22', 6.066689580487001, 'Arrival'], ['Customer : 7', 6.142717590433175, 'Departure']])

('Current Event : ', ['Customer : 22', 6.066689580487001, 'Arrival'])

('Current Time :', 6.066689580487001)

('Current Customers in the Queue', 14)

For iteration : 28

('Future Event List :', [['Customer : 7', 6.142717590433175, 'Departure'], ['Customer : 23', 6.495551090208732, 'Arrival']])

('Current Event : ', ['Customer : 7', 6.142717590433175, 'Departure'])

('Current Time :', 6.142717590433175)

('Current Customers in the Queue', 15)

For iteration : 29

('Future Event List :', [['Customer : 23', 6.495551090208732, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])

('Current Event : ', ['Customer : 23', 6.495551090208732, 'Arrival'])

('Current Time :', 6.495551090208732)

('Current Customers in the Queue', 14)

For iteration : 30

('Future Event List :', [['Customer : 24', 6.721752499614304, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])

('Current Event : ', ['Customer : 24', 6.721752499614304, 'Arrival'])

('Current Time :', 6.721752499614304)

('Current Customers in the Queue', 15)

For iteration : 31

('Future Event List :', [['Customer : 25', 6.90628073279733, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])

('Current Event : ', ['Customer : 25', 6.90628073279733, 'Arrival'])

('Current Time :', 6.90628073279733)

('Current Customers in the Queue', 16)

For iteration : 32

('Future Event List :', [['Customer : 26', 7.255639891881666, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])

('Current Event : ', ['Customer : 26', 7.255639891881666, 'Arrival'])

('Current Time :', 7.255639891881666)

('Current Customers in the Queue', 17)

For iteration : 33

('Future Event List :', [['Customer : 27', 7.885001200105674, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])

('Current Event : ', ['Customer : 27', 7.885001200105674, 'Arrival'])

('Current Time :', 7.885001200105674)
('Current Customers in the Queue', 18)
For iteration : 34

('Future Event List :', [['Customer : 28', 7.943068152078327, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])
('Current Event :', ['Customer : 28', 7.943068152078327, 'Arrival'])
('Current Time :', 7.943068152078327)
('Current Customers in the Queue', 19)
For iteration : 35

('Future Event List :', [['Customer : 29', 9.10847290837253, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])
('Current Event :', ['Customer : 29', 9.10847290837253, 'Arrival'])
('Current Time :', 9.10847290837253)
('Current Customers in the Queue', 20)
For iteration : 36

('Future Event List :', [['Customer : 30', 9.122196551513104, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])
('Current Event :', ['Customer : 30', 9.122196551513104, 'Arrival'])
('Current Time :', 9.122196551513104)
('Current Customers in the Queue', 21)
For iteration : 37

('Future Event List :', [['Customer : 31', 9.175766810062886, 'Arrival'], ['Customer : 8', 9.41281987402414, 'Departure']])
('Current Event :', ['Customer : 31', 9.175766810062886, 'Arrival'])
('Current Time :', 9.175766810062886)
('Current Customers in the Queue', 22)
For iteration : 38

('Future Event List :', [['Customer : 8', 9.41281987402414, 'Departure'], ['Customer : 32', 9.609383641612844, 'Arrival']])
('Current Event :', ['Customer : 8', 9.41281987402414, 'Departure'])
('Current Time :', 9.41281987402414)
('Current Customers in the Queue', 23)
For iteration : 39

('Future Event List :', [['Customer : 9', 9.536120945313572, 'Departure'], ['Customer : 32', 9.609383641612844, 'Arrival']])
('Current Event :', ['Customer : 9', 9.536120945313572, 'Departure'])
('Current Time :', 9.536120945313572)
('Current Customers in the Queue', 22)
For iteration : 40

('Future Event List :', [['Customer : 32', 9.609383641612844, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 32', 9.609383641612844, 'Arrival'])
('Current Time : ', 9.609383641612844)
('Current Customers in the Queue', 21)
For iteration : 41

('Future Event List : ', [['Customer : 33', 9.626423668278138, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 33', 9.626423668278138, 'Arrival'])
('Current Time : ', 9.626423668278138)
('Current Customers in the Queue', 22)
For iteration : 42

('Future Event List : ', [['Customer : 34', 10.035341981592016, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 34', 10.035341981592016, 'Arrival'])
('Current Time : ', 10.035341981592016)
('Current Customers in the Queue', 23)
For iteration : 43

('Future Event List : ', [['Customer : 35', 10.04198187413557, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 35', 10.04198187413557, 'Arrival'])
('Current Time : ', 10.04198187413557)
('Current Customers in the Queue', 24)
For iteration : 44

('Future Event List : ', [['Customer : 36', 10.127857311709894, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 36', 10.127857311709894, 'Arrival'])
('Current Time : ', 10.127857311709894)
('Current Customers in the Queue', 25)
For iteration : 45

('Future Event List : ', [['Customer : 37', 10.195791077129185, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 37', 10.195791077129185, 'Arrival'])
('Current Time : ', 10.195791077129185)
('Current Customers in the Queue', 26)
For iteration : 46

('Future Event List : ', [['Customer : 38', 10.486890092499312, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 38', 10.486890092499312, 'Arrival'])
('Current Time : ', 10.486890092499312)
('Current Customers in the Queue', 27)
For iteration : 47

('Future Event List :', [['Customer : 39', 10.493914856938556, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 39', 10.493914856938556, 'Arrival'])
('Current Time :', 10.493914856938556)
('Current Customers in the Queue', 28)
For iteration : 48

('Future Event List :', [['Customer : 40', 10.589773549204104, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 40', 10.589773549204104, 'Arrival'])
('Current Time :', 10.589773549204104)
('Current Customers in the Queue', 29)
For iteration : 49

('Future Event List :', [['Customer : 41', 10.64554019447827, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 41', 10.64554019447827, 'Arrival'])
('Current Time :', 10.64554019447827)
('Current Customers in the Queue', 30)
For iteration : 50

('Future Event List :', [['Customer : 42', 11.746452130341924, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 42', 11.746452130341924, 'Arrival'])
('Current Time :', 11.746452130341924)
('Current Customers in the Queue', 31)
For iteration : 51

('Future Event List :', [['Customer : 43', 11.78414548083285, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 43', 11.78414548083285, 'Arrival'])
('Current Time :', 11.78414548083285)
('Current Customers in the Queue', 32)
For iteration : 52

('Future Event List :', [['Customer : 44', 11.842057236771831, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 44', 11.842057236771831, 'Arrival'])
('Current Time :', 11.842057236771831)
('Current Customers in the Queue', 33)
For iteration : 53

('Future Event List :', [['Customer : 45', 12.99633334991605, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 45', 12.99633334991605, 'Arrival'])
('Current Time :', 12.99633334991605)
('Current Customers in the Queue', 34)
For iteration : 54

('Future Event List :', [['Customer : 46', 13.693918914678438, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 46', 13.693918914678438, 'Arrival'])
('Current Time :', 13.693918914678438)
('Current Customers in the Queue', 35)
For iteration : 55

('Future Event List :', [['Customer : 47', 13.704001671091431, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 47', 13.704001671091431, 'Arrival'])
('Current Time :', 13.704001671091431)
('Current Customers in the Queue', 36)
For iteration : 56

('Future Event List :', [['Customer : 48', 13.778408212448404, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 48', 13.778408212448404, 'Arrival'])
('Current Time :', 13.778408212448404)
('Current Customers in the Queue', 37)
For iteration : 57

('Future Event List :', [['Customer : 49', 13.785208374284597, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 49', 13.785208374284597, 'Arrival'])
('Current Time :', 13.785208374284597)
('Current Customers in the Queue', 38)
For iteration : 58

('Future Event List :', [['Customer : 50', 14.037108635224408, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 50', 14.037108635224408, 'Arrival'])
('Current Time :', 14.037108635224408)
('Current Customers in the Queue', 39)
For iteration : 59

('Future Event List :', [['Customer : 51', 14.55788795025575, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 51', 14.55788795025575, 'Arrival'])
('Current Time :', 14.55788795025575)
('Current Customers in the Queue', 40)
For iteration : 60

('Future Event List :', [['Customer : 52', 15.2222118590173, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 52', 15.2222118590173, 'Arrival'])
('Current Time :', 15.2222118590173)
('Current Customers in the Queue', 41)

For iteration : 61

('Future Event List :', [['Customer : 53', 15.251791776456846, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 53', 15.251791776456846, 'Arrival'])

('Current Time :', 15.251791776456846)

('Current Customers in the Queue', 42)

For iteration : 62

('Future Event List :', [['Customer : 54', 15.309183184070609, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 54', 15.309183184070609, 'Arrival'])

('Current Time :', 15.309183184070609)

('Current Customers in the Queue', 43)

For iteration : 63

('Future Event List :', [['Customer : 55', 15.311696503129301, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 55', 15.311696503129301, 'Arrival'])

('Current Time :', 15.311696503129301)

('Current Customers in the Queue', 44)

For iteration : 64

('Future Event List :', [['Customer : 56', 16.63188212251961, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 56', 16.63188212251961, 'Arrival'])

('Current Time :', 16.63188212251961)

('Current Customers in the Queue', 45)

For iteration : 65

('Future Event List :', [['Customer : 57', 17.06096425422809, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 57', 17.06096425422809, 'Arrival'])

('Current Time :', 17.06096425422809)

('Current Customers in the Queue', 46)

For iteration : 66

('Future Event List :', [['Customer : 58', 17.097527882216404, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 58', 17.097527882216404, 'Arrival'])

('Current Time :', 17.097527882216404)

('Current Customers in the Queue', 47)

For iteration : 67

('Future Event List :', [['Customer : 59', 17.12015104636889, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 59', 17.12015104636889, 'Arrival'])

('Current Time :', 17.12015104636889)

('Current Customers in the Queue', 48)

For iteration : 68

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 69

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 70

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 71

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 72

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 73

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)

('Current Customers in the Queue', 49)

For iteration : 74

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])

('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 75

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 76

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 77

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 78

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 79

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 80

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 81

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])

('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 82

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 83

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 84

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 85

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 86

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 87

('Future Event List : ', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time : ', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 88

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 89

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 90

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 91

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 92

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 93

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 94

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 95

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 96

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 97

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 98

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)
For iteration : 99

('Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Current Event : ', ['Customer : 60', 17.37952259320546, 'Arrival'])
('Current Time :', 17.37952259320546)
('Current Customers in the Queue', 49)

('Final Future Event List :', [['Customer : 60', 17.37952259320546, 'Arrival'], ['Customer : 10', 18.702699128771236, 'Departure']])
('Customers in the Queue', [['Customer : 11', 2.967782614756585, 'Arrival'], ['Customer : 12', 3.8139597713825744, 'Arrival'], ['Customer : 13', 4.282175923668759, 'Arrival'], ['Customer : 14', 4.616521935742785, 'Arrival'], ['Customer : 15', 4.6219861017686785, 'Arrival'], ['Customer : 16', 5.019991279966137, 'Arrival'], ['Customer : 17', 5.160760377254086, 'Arrival'], ['Customer : 18', 5.614204612043698, 'Arrival'], ['Customer : 19', 5.78865074613964, 'Arrival'], ['Customer : 20', 5.911942810740196, 'Arrival'], ['Customer : 21', 6.0307692022343575, 'Arrival'], ['Customer : 22', 6.066689580487001, 'Arrival'], ['Customer : 23', 6.495551090208732, 'Arrival'], ['Customer : 24', 6.721752499614304, 'Arrival'], ['Customer : 25', 6.90628073279733, 'Arrival'], ['Customer : 26', 7.255639891881666, 'Arrival'], ['Customer : 27', 7.885001200105674, 'Arrival'], ['Customer : 28', 7.943068152078327, 'Arrival'], ['Customer : 29', 9.10847290837253, 'Arrival'], ['Customer : 30', 9.122196551513104, 'Arrival'], ['Customer : 31', 9.175766810062886, 'Arrival'], ['Customer : 32',

9.609383641612844, 'Arrival'], ['Customer : 33', 9.626423668278138, 'Arrival'], ['Customer : 34', 10.035341981592016, 'Arrival'], ['Customer : 35', 10.04198187413557, 'Arrival'], ['Customer : 36', 10.127857311709894, 'Arrival'], ['Customer : 37', 10.195791077129185, 'Arrival'], ['Customer : 38', 10.486890092499312, 'Arrival'], ['Customer : 39', 10.493914856938556, 'Arrival'], ['Customer : 40', 10.589773549204104, 'Arrival'], ['Customer : 41', 10.64554019447827, 'Arrival'], ['Customer : 42', 11.746452130341924, 'Arrival'], ['Customer : 43', 11.78414548083285, 'Arrival'], ['Customer : 44', 11.842057236771831, 'Arrival'], ['Customer : 45', 12.99633334991605, 'Arrival'], ['Customer : 46', 13.693918914678438, 'Arrival'], ['Customer : 47', 13.704001671091431, 'Arrival'], ['Customer : 48', 13.778408212448404, 'Arrival'], ['Customer : 49', 13.785208374284597, 'Arrival'], ['Customer : 50', 14.037108635224408, 'Arrival'], ['Customer : 51', 14.55788795025575, 'Arrival'], ['Customer : 52', 15.2222118590173, 'Arrival'], ['Customer : 53', 15.251791776456846, 'Arrival'], ['Customer : 54', 15.309183184070609, 'Arrival'], ['Customer : 55', 15.311696503129301, 'Arrival'], ['Customer : 56', 16.63188212251961, 'Arrival'], ['Customer : 57', 17.06096425422809, 'Arrival'], ['Customer : 58', 17.097527882216404, 'Arrival'], ['Customer : 59', 17.12015104636889, 'Arrival']]]

(Number of Arrivals : ', 92)

(Number of Departure : ', 9)

(Number of Customers in the Queue', 49)

(Number of Dropped arrivals : ', 32)

Simulation has ended at ==> 17.3795225932

Average number of Waiting time ==> 1.38561468747

Average Response time ==> 0.426067353236

Average number of Waiting Customers in the system ==> 16.5

(Blocking probability ==> ', 0.34782608695652173)

Customers :

['Customer : 1', 'Customer : 2', 'Customer : 3', 'Customer : 4', 'Customer : 5', 'Customer : 6', 'Customer : 7', 'Customer : 8', 'Customer : 9', 'Customer : 10', 'Customer : 11', 'Customer : 12', 'Customer : 13', 'Customer : 14', 'Customer : 15', 'Customer : 16', 'Customer : 17', 'Customer : 18', 'Customer : 19', 'Customer : 20', 'Customer : 21', 'Customer : 22', 'Customer : 23', 'Customer : 24', 'Customer : 25', 'Customer : 26', 'Customer : 27', 'Customer : 28', 'Customer : 29', 'Customer : 30', 'Customer : 31', 'Customer : 32', 'Customer : 33', 'Customer : 34', 'Customer : 35', 'Customer : 36', 'Customer : 37', 'Customer : 38', 'Customer : 39', 'Customer : 40', 'Customer : 41', 'Customer : 42', 'Customer : 43', 'Customer : 44', 'Customer : 45', 'Customer : 46', 'Customer : 47', 'Customer : 48', 'Customer : 49', 'Customer : 50', 'Customer : 51', 'Customer : 52', 'Customer : 53', 'Customer : 54', 'Customer : 55', 'Customer : 56', 'Customer : 57', 'Customer : 58', 'Customer : 59', 'Customer : 60']

Arrivals :

[0.09834027418681303, 0.18779013555692525, 0.5780526611444732, 0.9903687506804082, 1.8110825336449272, 2.0109424645022176, 2.1301204825849602, 2.211843649585851, 2.236619812770363, 2.8617139666485514, 2.967782614756585, 3.8139597713825744, 4.282175923668759, 4.616521935742785, 4.6219861017686785, 5.019991279966137, 5.160760377254086, 5.614204612043698, 5.78865074613964, 5.911942810740196, 6.0307692022343575, 6.066689580487001, 6.495551090208732, 6.721752499614304, 6.90628073279733, 7.255639891881666, 7.885001200105674, 7.943068152078327, 9.10847290837253, 9.122196551513104, 9.175766810062886, 9.609383641612844,

9.626423668278138, 10.035341981592016, 10.04198187413557, 10.127857311709894,
10.195791077129185, 10.486890092499312, 10.493914856938556, 10.589773549204104,
10.64554019447827, 11.746452130341924, 11.78414548083285, 11.842057236771831,
12.99633334991605, 13.693918914678438, 13.704001671091431, 13.778408212448404,
13.785208374284597, 14.037108635224408, 14.55788795025575, 15.2222118590173,
15.251791776456846, 15.309183184070609, 15.311696503129301, 16.63188212251961,
17.06096425422809, 17.097527882216404, 17.12015104636889, 17.37952259320546]

Departures :

[0.6702071086893169, 1.5460246546217804, 1.9633290484911579, 2.890327250952047,
2.9562188141855983, 3.982090936819505, 6.142717590433175, 9.41281987402414,
9.536120945313572]