OutPut & Explanation MP6:

without synchronization:

Thread-15 sum is: 1

Thread-17 sum is: 1

Thread-74 sum is: 9

Thread-63 sum is: 19

Thread-56 sum is: 28

Thread-29 sum is: 35

Thread-105 sum is: 44

Thread-71 sum is: 9

Thread-39 sum is: 49

Thread-66 sum is: 10

Thread-92 sum is: 66

Thread-107 sum is: 72

Thread-83 sum is: 73

Thread-95 sum is: 80

Thread-76 sum is: 87

Thread-67 sum is: 11

Thread-108 sum is: 96

Thread-65 sum is: 11

Thread-69 sum is: 9

Thread-64 sum is: 11

Thread-73 sum is: 9

Thread-70 sum is: 10

Thread-72 sum is: 9

Thread-97 sum is: 98

Thread-78 sum is: 98

Thread-79 sum is: 98

Thread-96 sum is: 94

Thread-91 sum is: 93

Thread-109 sum is: 91

Thread-90 sum is: 92

Thread-85 sum is: 92

Thread-84 sum is: 92

Thread-21 sum is: 85

Thread-103 sum is: 87

Thread-16 sum is: 88

Thread-102 sum is: 88

Thread-82 sum is: 83

Thread-94 sum is: 80

Thread-77 sum is: 83

Thread-100 sum is: 81

Thread-80 sum is: 77

Thread-81 sum is: 77

Thread-75 sum is: 78

Thread-88 sum is: 77

Thread-89 sum is: 78

Thread-112 sum is: 72

Thread-22 sum is: 72

Thread-98 sum is: 72

Thread-113 sum is: 72

Thread-99 sum is: 72

Thread-106 sum is: 67

Thread-19 sum is: 66

Thread-101 sum is: 66

Thread-27 sum is: 66

Thread-28 sum is: 66

Thread-14 sum is: 66

Thread-93 sum is: 66

Thread-20 sum is: 59

Thread-25 sum is: 58

Thread-33 sum is: 59

Thread-87 sum is: 60

Thread-26 sum is: 59

Thread-86 sum is: 58

Thread-31 sum is: 53

Thread-34 sum is: 52

Thread-111 sum is: 51

Thread-32 sum is: 51

Thread-38 sum is: 49

Thread-110 sum is: 49

Thread-46 sum is: 49

Thread-37 sum is: 49

Thread-43 sum is: 45

Thread-45 sum is: 44

Thread-44 sum is: 44

Thread-104 sum is: 44

Thread-40 sum is: 44

Thread-51 sum is: 38

Thread-24 sum is: 36

Thread-18 sum is: 38

Thread-23 sum is: 38

Thread-49 sum is: 38

Thread-52 sum is: 38

Thread-30 sum is: 31

Thread-50 sum is: 31

Thread-35 sum is: 31

Thread-36 sum is: 31

Thread-55 sum is: 28

Thread-42 sum is: 28

Thread-41 sum is: 28

Thread-47 sum is: 27

Thread-48 sum is: 27

Thread-58 sum is: 26

Thread-60 sum is: 21

Thread-53 sum is: 19

Thread-68 sum is: 20

Thread-61 sum is: 21

Thread-57 sum is: 19

Thread-59 sum is: 19

Thread-62 sum is: 19

Thread-54 sum is: 19

with synchronization:

Thread-17 sum is: 1

Thread-113 sum is: 2

Thread-112 sum is: 3

Thread-111 sum is: 4

Thread-110 sum is: 5

Thread-109 sum is: 6

Thread-108 sum is: 7

Thread-107 sum is: 8

Thread-106 sum is: 9

Thread-105 sum is: 10

Thread-104 sum is: 11

Thread-103 sum is: 12

Thread-102 sum is: 13

Thread-101 sum is: 14

Thread-100 sum is: 15

Thread-99 sum is: 16

Thread-98 sum is: 17

Thread-97 sum is: 18

Thread-96 sum is: 19

Thread-95 sum is: 20

Thread-94 sum is: 21

Thread-93 sum is: 22

Thread-92 sum is: 23

Thread-91 sum is: 24

Thread-90 sum is: 25

Thread-89 sum is: 26

Thread-88 sum is: 27

Thread-87 sum is: 28

Thread-86 sum is: 29

Thread-85 sum is: 30

Thread-84 sum is: 31

Thread-83 sum is: 32

Thread-82 sum is: 33

Thread-81 sum is: 34

Thread-80 sum is: 35

Thread-79 sum is: 36

Thread-78 sum is: 37

Thread-77 sum is: 38

Thread-76 sum is: 39

Thread-74 sum is: 40

Thread-75 sum is: 41

Thread-73 sum is: 42

Thread-72 sum is: 43

Thread-71 sum is: 44

Thread-70 sum is: 45

Thread-69 sum is: 46

Thread-68 sum is: 47

Thread-67 sum is: 48

Thread-66 sum is: 49

Thread-65 sum is: 50

Thread-64 sum is: 51

Thread-63 sum is: 52

Thread-62 sum is: 53

Thread-61 sum is: 54

Thread-60 sum is: 55

Thread-59 sum is: 56

Thread-58 sum is: 57

Thread-57 sum is: 58

Thread-56 sum is: 59

Thread-55 sum is: 60

Thread-54 sum is: 61

Thread-53 sum is: 62

Thread-52 sum is: 63

Thread-51 sum is: 64

Thread-50 sum is: 65

Thread-49 sum is: 66

Thread-48 sum is: 67

Thread-47 sum is: 68

Thread-46 sum is: 69

Thread-45 sum is: 70

Thread-44 sum is: 71

Thread-43 sum is: 72

Thread-42 sum is: 73

Thread-41 sum is: 74

Thread-40 sum is: 75

Thread-39 sum is: 76

Thread-38 sum is: 77

Thread-37 sum is: 78

Thread-36 sum is: 79

Thread-35 sum is: 80

Thread-34 sum is: 81

Thread-33 sum is: 82

Thread-32 sum is: 83

Thread-31 sum is: 84

Thread-30 sum is: 85

Thread-29 sum is: 86

Thread-28 sum is: 87

Thread-27 sum is: 88

Thread-26 sum is: 89

Thread-25 sum is: 90

Thread-24 sum is: 91

Thread-23 sum is: 92

Thread-22 sum is: 93

Thread-21 sum is: 94

Thread-20 sum is: 95

Thread-19 sum is: 96

Thread-18 sum is: 97

Thread-15 sum is: 98

Thread-14 sum is: 99

Thread-16 sum is: 100