Листинг окончательного варианта программы и тесты к ней.

00,1,<,00

00,0,<,00

00, ,<,01

01,1,<,01

01,0,<,01

01, ,<,02

02,1,<,02

02,0,<,02

02, ,>,03

03,0, ,12

03,1, ,04

03, ,>,19

04, ,>,05

05,0,>,05

05,1,>,05

05, ,>,06

06,1,>,06

06,0,>,06

06, ,>,07

07,0,>,07

07,1,>,07

07, ,1,08

08,0,<,08

08,1,<,08

08, ,<,09

09,0,<,09

09,1,<,09

09, ,<,10

10,1,<,10

10,0,<,10

10, ,1,11

11,0,>,03

11,1,>,03

12, ,>,13

13,0,>,13

13,1,>,13

13, ,>,14

14,1,>,14

14,0,>,14

14, ,>,15

15,0,>,15

15,1,>,15

15, ,0,16

16,1,<,16

16,0,<,16

16, ,<,17

17,1,<,17

17,0,<,17

17, ,<,18

18,1,<,18

18,0,<,18

18, ,0,11

19,0, ,28

19,1, ,20

19, ,>,35

20, ,>,21

21,1,>,21

21,0,>,21

21, ,>,22

22,1,>,22

22,0,>,22

22, ,>,23

23,1,>,23

23,0,>,23

23, ,1,24

24,0,<,24

24,1,<,24

24, ,<,25

25,1,<,25

25,0,<,25

25, ,<,26

26,0,<,26

26,1,<,26

26, ,1,27

27,0,>,19

27,1,>,19

28, ,>,29

29,1,>,29

29,0,>,29

29, ,>,30

30,1,>,30

30,0,>,30

30, ,>,31

31,0,>,31

31,1,>,31

31, ,0,32

32,1,<,32

32,0,<,32

32, ,<,33

33,1,<,33

33,0,<,33

33, ,<,34

34,0,<,34

34,1,<,34

34, ,0,27

35,1,>,35

35,0,>,35

35, ,>,36

36,0,>,36

36,1,>,36

36, , ,37

37,0,<,38

37,1,<,38

37, ,<,38

38,0,>,39

38,1,>,41

38, ,>,43

39,0,0,40

39,1,0,40

39, ,0,40

40,0,<,37

41,0,1,42

41,1,1,42

41, ,1,42

42,1,<,37

43,0, ,44

43,1, ,44

43, , ,44

44, ,<,45

45,0,<,46

45,1,<,46

45, ,<,46

46,0,>,47

46,1,>,49

46, ,>,51

47,0,0,48

47,1,0,48

47, ,0,48

48,0,<,45

49,1,1,50

49,0,1,50

49, ,1,50

50,1,<,45

51,1, ,52

51,0, ,52

51, , ,52

52,0,>,53

52,1,>,53

52, ,>,53

53,0,>,53

53,1,>,53

53, ,>,54

54,1,>,54

54,0,>,54

54, , ,55

55,0,>,55

55,1,>,55

55, ,<,56

56,0,1,57

56,1,0,58

56, ,>,61

57,0,<,59

57,1,<,56

58,0,<,58

58,1,<,58

58, ,<,59

59,0,1,60

59,1,0,57

59, ,1,60

60,0,>,60

60,1,>,60

60, ,>,55

61,1,>,61

61, ,<,62

62,1, ,61

62, , ,62

Тесты:

11 10 -> 101

110 10 -> 1000

101101 101011 -> 1011000

11111111 10011011 -> 110011010

110011001100 00110011011 -> 111111111111