class Test

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test

{

public static void main(String[] args)

{

System.out.println("main begin");

if(100 == 200)

{

System.out.println("from if");

}

System.out.println("main end:");

}

}

class Test

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test

{

public stTesttic void main(String[] args)

{

System.out.println("main begin");

boolean b1 = true;

if(b1)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test5

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1 = false;

if(b1)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test6

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1;

if(b1 = true)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test7

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1;

if(b1)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test8

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1;

if(b1 = false)

{

System.out.println("from if");

}

System.out.println("main end");

}

}

class Test9

{

public static void main(String[] args)

{

System.out.println("main begin");

if(100 == 100)

{

System.out.println("from if");

}

System.out.println("main end:");

}

}

class Test10

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1;

if(b1 = false)

{

System.out.println("from if");

}

System.out.println("main end:" + b1);

}

}

==================

class Test11

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false && false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test12

{

public static void main(String[] args)

{

System.out.println("main begin");

if(100 != 200)

{

System.out.println("from if");

}

System.out.println("main end:");

}

}

class Test13

{

public static void main(String[] args)

{

System.out.println("main begin");

if(100 != 100)

{

System.out.println("from if");

}

System.out.println("main end:");

}

}

class Test14

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

System.out.println("from if4");

}

System.out.println("main end:");

}

}

class Test15

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

int i = 10;

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

System.out.println("from if4:" + i);

}

System.out.println("main end:" + i);

}

}

class Test16

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

int i = 10;

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

System.out.println("from if4:" + i);

}

System.out.println("main end:");

}

}

class Test17

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

System.out.println("main end:");

}

}

class Test18

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false);

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

System.out.println("main end:");

}

}

class Test19

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true || true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class 20

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true || false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class 21

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false || true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test22

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true && true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test23

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false || false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test24

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false && true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test25

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true && false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test26

{

public static void main(String[] args)

{

System.out.println("main begin");

if(!true)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test27

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

if(i == 10)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + i);

}

}

class Test28

{

public static void main(String[] args)

{

System.out.println("main begin");

if(!false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:");

}

}

class Test29

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1 = true;

if(!b1)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + b1);

}

}

class Test30

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1 = true;

if(b1 = false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + b1);

}

}

class Test31

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1 = true;

if(b1 == false)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + b1);

}

}

class Test32

{

public static void main(String[] args)

{

System.out.println("main begin");

boolean b1 = true;

if(b1 = !b1)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + b1);

}

}

class 33

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

if(i = 10)

{

System.out.println("from if1");

System.out.println("from if2");

System.out.println("from if3");

}

System.out.println("main end:" + i);

}

}

class Test34

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test35

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

System.out.println("if1 end");

}

if(true)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("main end");

}

}

class Test36

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

System.out.println("if1 end");

}

if(true)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("main end");

}

}

class Test37

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

System.out.println("if1 end");

}

if(false)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("main end");

}

}

class Test38

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test39

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

System.out.println("if1 end");

}

if(false)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("main end");

}

}

class Test40

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

System.out.println("if1 begin");

if(false)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test41

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test42

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test43

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

System.out.println("if2 begin");

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test44

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

System.out.println("if2 begin");

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test45

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

if(true)

System.out.println("if2 begin");

}

System.out.println("main end");

}

}

class Test46

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test47

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(true)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test48

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test49

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(false)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test50

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

if(false)

{

System.out.println("if3 begin");

}

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test51

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

System.out.println("if1 begin");

if(true)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test52

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

System.out.println("if1 begin");

if(false)

System.out.println("if2 begin");

System.out.println("main end");

}

}

class Test53

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

System.out.println("if1 end");

}

if(true)

{

System.out.println("if2 begin");

System.out.println("if2 end");

}

System.out.println("main end");

}

}

class Test54

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 body");

}

if(true)

{

System.out.println("if2 body");

}

if(true)

{

System.out.println("if3 body");

}

System.out.println("main end");

}

}

class Test55

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

System.out.println("if1 body");

if(true)

System.out.println("if2 body");

if(true)

System.out.println("if3 body");

System.out.println("main end");

}

}

class Test56

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 begin");

if(true)

{

System.out.println("if3 begin");

System.out.println("if3 end");

}

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test57

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

if(true)

{

System.out.println("if3 begin");

System.out.println("if3 end");

}

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test58

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

System.out.println("if1 body");

if(true)

System.out.println("if2 body");

if(true)

System.out.println("if3 body");

System.out.println("main end");

}

}

class Test59

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

if(false)

{

System.out.println("if3 begin");

System.out.println("if3 end");

}

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test60

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(true)

if(true)

System.out.println("if3 begin");

System.out.println("main end");

}

}

class Test61

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 begin");

if(false)

System.out.println("if3 begin");

System.out.println("if2 end");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test62

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

if(false)

System.out.println("if3 begin");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test63

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

if(false)

System.out.println("if3 begin");

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test64

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

if(false)

System.out.println("if3 begin");

System.out.println("main end");

}

}

class Test65

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

if(true)

if(false)

System.out.println("if3 begin");

}

System.out.println("main end");

}

}

class Test66

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

if(false)

System.out.println("if3 begin");

System.out.println("main end");

}

}

class Test67

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 0)

{

i ++;

}

System.out.println("main:" + i);

}

}

class Test68

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 0)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test69

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 1)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test70

{

public static void main(String[] args)

{

int i = 0;

if(true || i++ == 1)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test71

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 0 || i++ == 1)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test72

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 1 || i++ == 1)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test73

{

public static void main(String[] args)

{

int i = 0;

if(false && i++ == 0)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test74

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 0 && i++ == 0)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test75

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 1 || i++ == 2)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test76

{

public static void main(String[] args)

{

System.out.println(true);

System.out.println(!true);

System.out.println(true || true);

System.out.println(true || false);

System.out.println(false || false);

System.out.println(false || true);

System.out.println(true && true);

System.out.println(true && false);

System.out.println(false && false);

System.out.println(false && true);

}

}

class Test77

{

public static void main(String[] args)

{

int i = 0;

if(i++ == 0 && i++ == 1)

{

System.out.println("if block:" + i++);

i++;

}

System.out.println("main:" + i);

}

}

class Test78

{

public static void main(String[] args)

{

int i = 0;

System.out.println(true || (i++ == 0));

System.out.println(i);

}

}

class Test79

{

public static void main(String[] args)

{

int i = 0;

System.out.println(false || (i++ == 0));

System.out.println(i);

}

}

class Test80

{

public static void main(String[] args)

{

int i = 0;

System.out.println(false && (i++ == 0));

System.out.println(i);

}

}

class Test81

{

public static void main(String[] args)

{

int i = 0;

System.out.println(true && (i++ == 0));

System.out.println(i);

}

}

class Test82

{

public static void main(String[] args)

{

System.out.println("main begin");

{

int i = 10;

System.out.println("block1-stmt1");

System.out.println("block1-stmt2");

System.out.println("block1-stmt3");

System.out.println("block1-stmt4");

}

System.out.println("some thing:" + i);

{

System.out.println("block2-stmt1");

System.out.println("block2-stmt2");

System.out.println("block2-stmt3");

System.out.println("block2-stmt4");

}

System.out.println("main end:");

}

}

class Test83

{

public static void main(String[] args)

{

System.out.println("main begin");

else

{

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:");

}

}

class Test84

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else

{

System.out.println("else block");

}

System.out.println("main end");

}

}

class Test85

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if block");

}

else

{

System.out.println("else block");

}

System.out.println("main end");

}

}

class Test86

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if block");

}

else

System.out.println("else block");

System.out.println("main end");

}

}

class Test87

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

System.out.println("main end");

}

}

class Test88

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else

{

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end");

}

}

class Test89

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else

{

int i = 110;

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

i = 220;

System.out.println("main end:" + i);

}

}

class Test90

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else;

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

System.out.println("main end:");

}

}

class Test91

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

if(false)

{

i = i + 20;

System.out.println("if block");

}

else

{

i = i + 30;

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:" + i);

}

}

class Test91

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

if(true)

{

i = i + 20;

System.out.println("if block");

}

else

{

i = i + 30;

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:" + i);

}

}

class Test92

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if block");

}

else;

{

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:");

}

}

class Test93

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

{

i = i + 20;

System.out.println("block1-stmt1");

System.out.println("block1-stmt2");

System.out.println("block1-stmt3");

System.out.println("block1-stmt4");

}

System.out.println("some thing:" + i);

{

i = i + 30;

System.out.println("block2-stmt1");

System.out.println("block2-stmt2");

System.out.println("block2-stmt3");

System.out.println("block2-stmt4");

}

System.out.println("main end:" + i);

}

}

class Test94

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-block");

}

System.out.println("some thing");

else

{

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:");

}

}

class Test95

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false);

{

System.out.println("if-block");

}

System.out.println("main end:");

}

}

class Test96

{

public static void main(String[] args)

{

System.out.println("main begin");

{

System.out.println("block1-stmt1");

System.out.println("block1-stmt2");

System.out.println("block1-stmt3");

System.out.println("block1-stmt4");

}

System.out.println("some thing");

{

System.out.println("block2-stmt1");

System.out.println("block2-stmt2");

System.out.println("block2-stmt3");

System.out.println("block2-stmt4");

}

System.out.println("main end:");

}

}

class Test97

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true);

{

System.out.println("if-block");

}

else

{

System.out.println("else block stmt1");

System.out.println("else block stmt2");

System.out.println("else block stmt3");

}

System.out.println("main end:");

}

}

class Test98

{

public static void main(String[] args)

{

System.out.println("main begin");

{

int i = 10;

System.out.println("block1-stmt1");

System.out.println("block1-stmt2");

System.out.println("block1-stmt3");

System.out.println("block1-stmt4");

}

System.out.println("some thing:" + i);

{

System.out.println("block2-stmt1");

System.out.println("block2-stmt2");

System.out.println("block2-stmt3");

System.out.println("block2-stmt4");

}

System.out.println("main end:");

}

}

class Test99

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test100

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test101

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test102

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

if(true)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

System.out.println("main end");

}

}

class Test103

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("main end");

}

}

class Test104

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

if(true)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

}

System.out.println("main end");

}

}

class Test105

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

System.out.println("main end");

}

}

class Test106

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(true)

System.out.println("if2 body");

else

System.out.println("else2-body");

System.out.println("main end");

}

}

class Test107

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(true)

System.out.println("if2 body");

else

System.out.println("else2-body");

System.out.println("main end");

}

}

class Test108

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

else

{

System.out.println("else1-body");

}

System.out.println("main end");

}

}

class Test109

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

else

{

System.out.println("else1-body");

}

System.out.println("main end");

}

}

class 110

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

}

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test111

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if1 begin");

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

System.out.println("if1 end");

}

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test112

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test113

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(false)

if(false)

System.out.println("if3 body");

else

System.out.println("else3-body");

else

System.out.println("else2-body");

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test114

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

if(true)

System.out.println("if2 body");

else

System.out.println("else2-body");

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test115

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

if(false)

System.out.println("if2 body");

else

System.out.println("else2-body");

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test116

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body begin");

if(true)

{

System.out.println("if3 body");

}

else

{

System.out.println("else3-body");

}

System.out.println("if2 body end");

}

else

{

System.out.println("else2-body");

}

System.out.println("if1 end");

}

else

{

System.out.println("else1-body");

}

System.out.println("main end");

}

}

class Test117

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body begin");

if(true)

System.out.println("if3 body");

else

System.out.println("else3-body");

System.out.println("if2 body end");

}

else

System.out.println("else2-body");

System.out.println("if1 end");

}

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test118

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if1 begin");

if(false)

{

System.out.println("if2 body begin");

if(true)

{

System.out.println("if3 body");

}

else

System.out.println("else3-body");

System.out.println("if2 body end");

}

else

System.out.println("else2-body");

System.out.println("if1 end");

}

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test119

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

if(false)

if(true)

System.out.println("if3 body");

else

System.out.println("else3-body");

else

System.out.println("else2-body");

}

else

System.out.println("else1-body");

System.out.println("main end");

}

}

class Test120

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

}

System.out.println("main end");

}

}

class Test121

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test122

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test123

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

if(true)

{

System.out.println("else if body");

}

}

System.out.println("main end");

}

}

class Test124

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(true)

{

System.out.println("else if body");

}

System.out.println("main end");

}

}

class Test125

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-body");

}

else if(true)

{

System.out.println("else if body");

}

System.out.println("main end");

}

}

class Test126

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

System.out.println("main end");

}

}

class Test126

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test127

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test128

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

System.out.println("else else end");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test129

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

}

System.out.println("main end");

}

}

class Test130

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

System.out.println("main end");

}

}

class Test131

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-body");

}

else if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

System.out.println("main end");

}

}

class Test132

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else body");

}

System.out.println("main end");

}

}

class Test133

{

public static void main(String[] args)

{

System.out.println("main begin");

if(true)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

System.out.println("else else end");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test134

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(true)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

System.out.println("else else end");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test135

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

else if(true)

{

System.out.println("else else if body");

}

else

{

System.out.println("else else else body");

}

System.out.println("main end");

}

}

class Test136

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

System.out.println("else else end");

}

}

System.out.println("main end");

}

}

class Test137

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

System.out.println("else else end");

}

System.out.println("main end");

}

}

class Test138

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

else

{

if(true)

{

System.out.println("else else if body");

}

}

System.out.println("main end");

}

}

class Test139

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else if(false)

{

System.out.println("else if body");

}

else if(true)

{

System.out.println("else else if body");

}

System.out.println("main end");

}

}

class Test140

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

System.out.println("if-body");

else if(false)

System.out.println("else if body");

else if(true)

System.out.println("else else if body");

System.out.println("main end");

}

}

class Test141

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(false)

{

System.out.println("else if body");

}

else

{

System.out.println("else else begin");

if(true)

{

System.out.println("else else if body");

}

else

{

System.out.println("else else else body");

}

System.out.println("else else end");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test142

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(false)

{

System.out.println("else if body");

}

else

{

if(true)

{

System.out.println("else else if body");

}

else

{

System.out.println("else else else body");

}

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test143

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

if(false)

{

System.out.println("else if body");

}

else if(true)

{

System.out.println("else else if body");

}

else

{

System.out.println("else else else body");

}

}

System.out.println("main end");

}

}

class 144

{

public static void main(String[] args)

{

System.out.println("main begin");

if(false)

{

System.out.println("if-body");

}

else

{

System.out.println("else begin");

if(false)

{

System.out.println("else if body");

}

else if(true)

{

System.out.println("else else if body");

}

else

{

System.out.println("else else else body");

}

System.out.println("else end");

}

System.out.println("main end");

}

}

class Test145

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 0 && i++ == 0)

{

System.out.println("if:" + i++);

}

else if(i++ == 2)

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test146

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 0)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test147

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 1)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test148

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 0 || i++ == 1)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test149

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 1 || i++ == 2)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test150

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 1 || i++ == 1)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test151

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 0 && i++ == 2)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test152

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 1 && i++ == 2)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

class Test153

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 0;

if(i++ == 0 && i++ == 1)

{

System.out.println("if:" + i++);

}

else

{

System.out.println("else:" + i++);

i++;

}

System.out.println("main end:" + i);

}

}

==============

Ternary Operator

class Test154

{

public static void main(String[] args)

{

if(args.length < 3)

{

System.out.println("supply 3 command line arguments");

return;

}

int i = Integer.parseInt(args[0]);

int j = Integer.parseInt(args[1]);

int k = Integer.parseInt(args[2]);

int min = i < j ? (i < k ? i : k) : (j < k ? j : k);

System.out.println("min b/w " + i + " and " + j + " is " + min);

}

}

class Test155

{

public static void main(String[] args)

{

int i;

if(true)

{

i = 10;

}

else

{

i = 20;

}

System.out.println(i);

}

}

class Test156

{

public static void main(String[] args)

{

int i;

if(false)

{

i = 10;

}

else

{

i = 20;

}

System.out.println(i);

}

}

class Test157

{

public static void main(String[] args)

{

int i = true ? 10 : 20;

System.out.println(i);

}

}

class Test158

{

public static void main(String[] args)

{

int k = 200;

int i = k < 100 ? 10 : 20;

System.out.println(i);

}

}

class Test159

{

public static void main(String[] args)

{

int i = false ? 10 : 20;

System.out.println(i);

}

}

class Test160

{

public static void main(String[] args)

{

int i = 200, j = 300;

int min = i > j ? j : i;

System.out.println("min b/w " + i + " and " + j + " is " + min);

}

}

class Test161

{

public static void main(String[] args)

{

int k = 200;

int i = k > 100 ? 10 : 20;

System.out.println(i);

}

}

class Test162

{

public static void main(String[] args)

{

if(args.length < 2)

{

System.out.println("supply 2 command line arguments");

return;

}

int i = Integer.parseInt(args[0]);

int j = Integer.parseInt(args[1]);

int min = i < j ? i : j;

System.out.println("min b/w " + i + " and " + j + " is " + min);

}

}

class Test163

{

public static void main(String[] args)

{

int i = 200, j = 100;

int min = i > j ? j : i;

System.out.println("min b/w " + i + " and " + j + " is " + min);

}

}

class Test164

{

public static void main(String[] args)

{

int m = 10, n = 20, o = 15;

int min;

if(m < n && m < o)

{

min = m;

}

else if(n < m && n < o)

{

min = n;

}

else

{

min = o;

}

System.out.println("min value among " + m + ", " + n + ", " + o + " is " + min);

}

}

class Test165

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test166

{

public static void main(String[] args)

{

System.out.println("byte min:" + Byte.MIN\_VTestLUE);

System.out.println("byte max:" + Byte.MTestX\_VTestLUE);

System.out.println("short min:" + Short.MIN\_VTestLUE);

System.out.println("short max:" + Short.MTestX\_VTestLUE);

System.out.println("char min:" + (int)Character.MIN\_VTestLUE);

System.out.println("char max:" + (int)Character.MTestX\_VTestLUE);

System.out.println("int min:" + Integer.MIN\_VTestLUE);

System.out.println("int max:" + Integer.MTestX\_VTestLUE);

}

}

class Test167

{

public static void main(String[] args)

{

String s1 = "";

String s2 = "abcgsggdhhjfdkkfkgfkkkfkkfgkfkkgfkkkgkkgkgkgkksadfaswer";

System.out.println(s1.hashCode());

System.out.println(s2.hashCode());

System.out.println("int min:" + Integer.MIN\_VTestLUE);

System.out.println("int max:" + Integer.MTestX\_VTestLUE);

}

}

class Test168

{

enum Test { Hello, Hi, Java, BTM };

public static void main(String[] args)

{

System.out.println(Test.Hello.ordinal());

System.out.println(Test.Hi.ordinal());

System.out.println(Test.Java.ordinal());

System.out.println(Test.BTM.ordinal());

System.out.println("int min:" + Integer.MIN\_VTestLUE);

System.out.println("int max:" + Integer.MTestX\_VTestLUE);

}

}

class Test169

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

case 5 :

System.out.println("from case5");

System.out.println("from case5");

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test170

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 5;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

case 5 :

System.out.println("from case5");

System.out.println("from case5");

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test171

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 1;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

case 5 :

System.out.println("from case5");

System.out.println("from case5");

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test173

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 1;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test174

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 1;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

================

class Test175

{

public static void main(String[] args)

{

System.out.println("main begin");

byte i = 100;

switch ( i )

{

case 10 :

System.out.println("from case10");

break;

case 50 :

System.out.println("from case50");

break;

case 70 :

System.out.println("from case70");

break;

case 100 :

System.out.println("from case100");

break;

}

System.out.println("main end");

}

}

class Test176

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

default:

System.out.println("from default");

System.out.println("from default");

System.out.println("from default");

}

System.out.println("main end");

}

}

class Test177

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

default:

System.out.println("from default");

System.out.println("from default");

System.out.println("from default");

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test178

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

default:

System.out.println("from default");

System.out.println("from default");

System.out.println("from default");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

}

System.out.println("main end");

}

}

class Test179

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 5 :

int x = 100;

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

}

System.out.println("main end");

}

}

class Test180

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 20;

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

default:

System.out.println("from default");

System.out.println("from default");

System.out.println("from default");

break;

case 10 :

System.out.println("from case10");

System.out.println("from case10");

default:

System.out.println("abcxyz");

}

System.out.println("main end");

}

}

class Test181

{

public static void main(String[] args)

{

System.out.println("main begin");

switch ( 5 )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

}

System.out.println("main end");

}

}

class Test182

{

public static void main(String[] args)

{

System.out.println("main begin");

if(args.length < 1)

{

System.out.println("supply one command line arg");

return;

}

int i = Integer.parseInt(args[0]);

switch ( i )

{

case 1 :

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

System.out.println("from case1");

break;

case 5 :

System.out.println("from case5");

System.out.println("from case5");

break;

default :

System.out.println("from default");

System.out.println("from default");

break;

}

System.out.println("main end");

}

}

class Test183

{

public static void main(String[] args)

{

System.out.println("main begin");

if(args.length < 1)

{

System.out.println("supply one command line arg");

return;

}

int i = Integer.parseInt(args[0]);

switch ( i )

{

case 1 :

case 3 :

case 5 :

case 7 :

case 9 :

System.out.println("odd value");

break;

case 2 :

case 4 :

case 6 :

case 8 :

case 10 :

System.out.println("even value");

break;

default :

System.out.println("supply any number b/w 1 to 10.");

}

System.out.println("main end");

}

}

class Test184

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

int j = 10;

switch ( i )

{

case 5 :

System.out.println("from case 5");

break;

case j :

System.out.println("from case 10");

break;

}

System.out.println("main end");

}

}

class Test185

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

final int j;

j = 10;

switch ( i )

{

case 5 :

System.out.println("from case 5");

break;

case j :

System.out.println("from case 10");

break;

}

System.out.println("main end");

}

}

class Test186

{

public static void main(String[] args)

{

System.out.println("main begin");

byte i = 100;

switch ( i )

{

case 10 :

System.out.println("from case10");

break;

case 50 :

System.out.println("from case50");

break;

case 170 :

System.out.println("from case170");

break;

case 100 :

System.out.println("from case100");

break;

}

System.out.println("main end");

}

}

class Test187

{

public static void main(String[] args)

{

System.out.println("main begin");

short i = 100;

switch ( i )

{

case 10 :

System.out.println("from case10");

break;

case 50 :

System.out.println("from case50");

break;

case 170 :

System.out.println("from case170");

break;

case 100 :

System.out.println("from case100");

break;

}

System.out.println("main end");

}

}

class Test188

{

public static void main(String[] args)

{

System.out.println("main begin");

short i = 100;

switch ( i )

{

case 10 :

System.out.println("from case10");

break;

case 50 :

System.out.println("from case50");

break;

case 170 :

System.out.println("from case170");

break;

case 40000 :

System.out.println("from case40000");

break;

}

System.out.println("main end");

}

}

class Test189

{

public static void main(String[] args)

{

System.out.println("main begin");

char c1 = 'a';

switch ( c1 )

{

case 'a' :

System.out.println("from case a");

break;

case 't' :

System.out.println("from case t");

break;

case 'b' :

System.out.println("from case b");

break;

}

System.out.println("main end");

}

}

class Test190

{

enum En {C1, C2, C3, C4};

public static void main(String[] args)

{

System.out.println("main begin");

En e1 = En.C3;

switch ( e1 )

{

case C1 :

System.out.println("from case C1");

break;

case C2 :

System.out.println("from case C2");

break;

case C3 :

System.out.println("from case C3");

break;

case C4 :

System.out.println("from case C3");

break;

}

System.out.println("main end");

}

}

class Test191

{

public static void main(String[] args)

{

System.out.println("main begin");

String s1 = "hello";

switch ( s1 )

{

case "test" :

System.out.println("from case test");

break;

case "hello" :

System.out.println("from case hello");

break;

case "abc" :

System.out.println("from case abc");

break;

}

System.out.println("main end");

}

}

class Test192

{

public static void main(String[] args)

{

System.out.println("main begin");

int i = 10;

final int j = 10;

switch ( i )

{

case 5 :

System.out.println("from case 5");

break;

case j :

System.out.println("from case 10");

break;

}

System.out.println("main end");

}

}