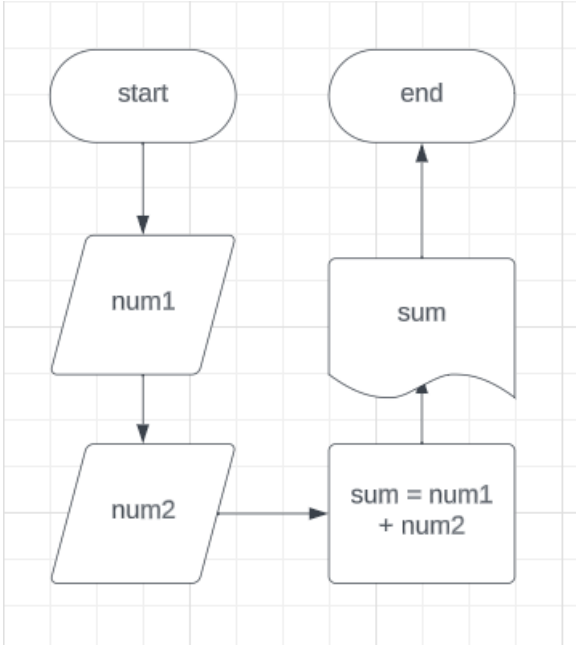
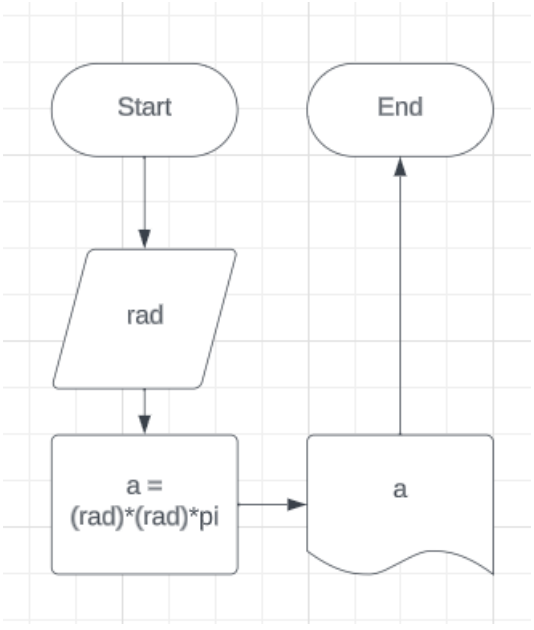
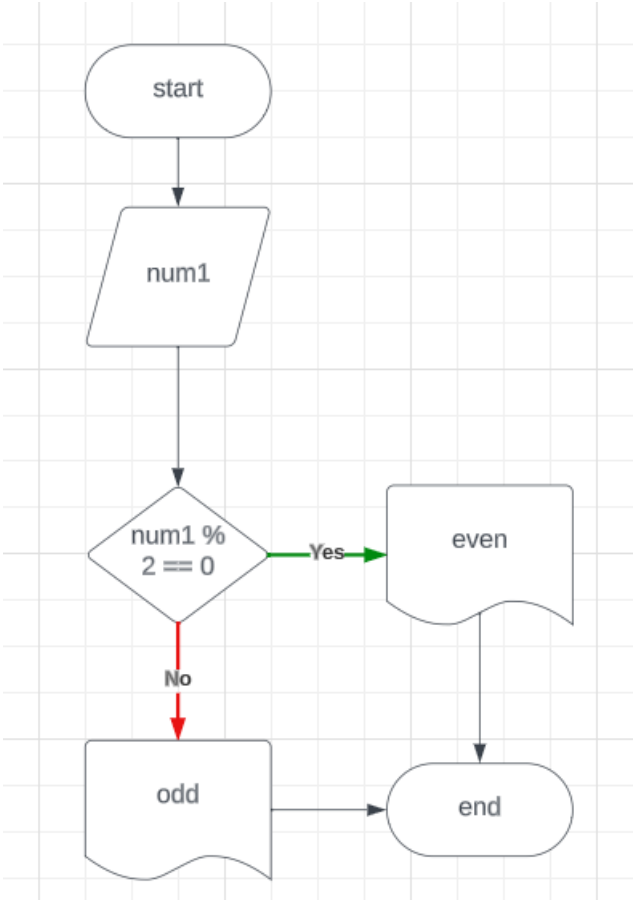
1. Draw a flowchart to add two numbers entered by user.



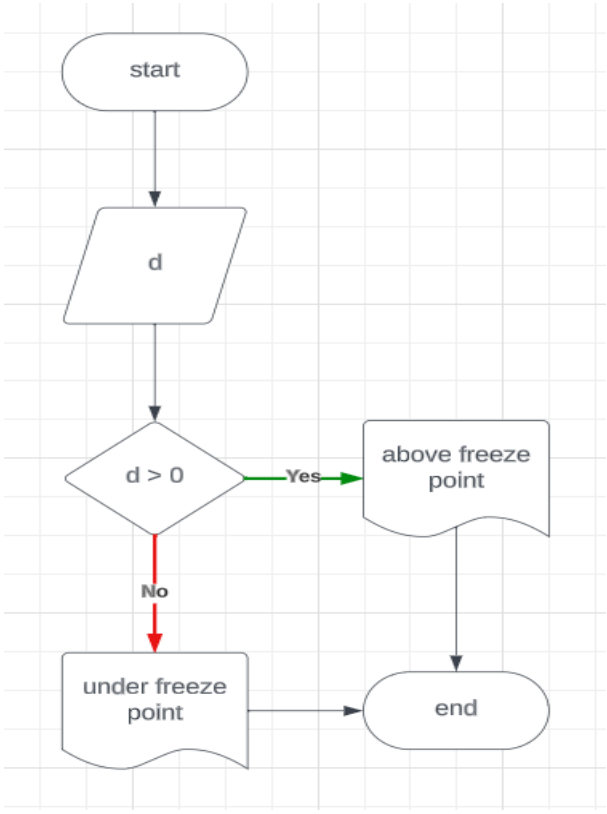
2. Calculate the area of a circle with given radius



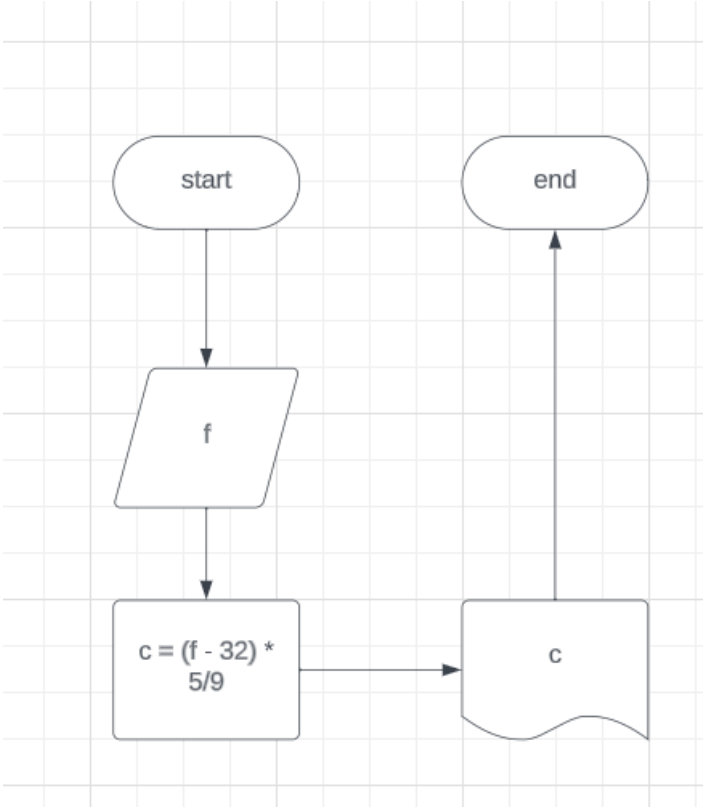
3. Determine and Output Whether Number N is Even or Odd



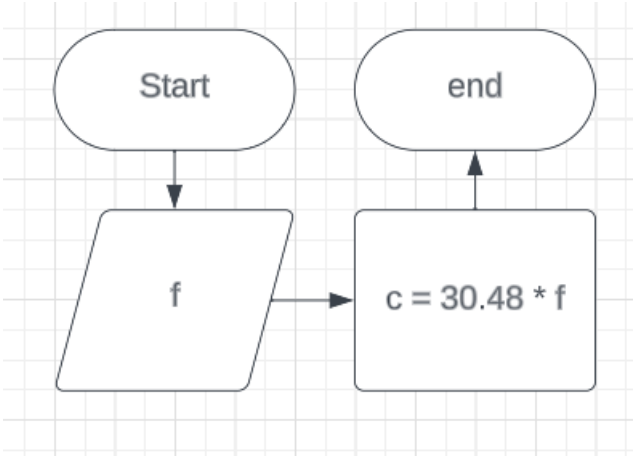
4. Determine Whether a Temperature is Below or Above the Freezing Point.



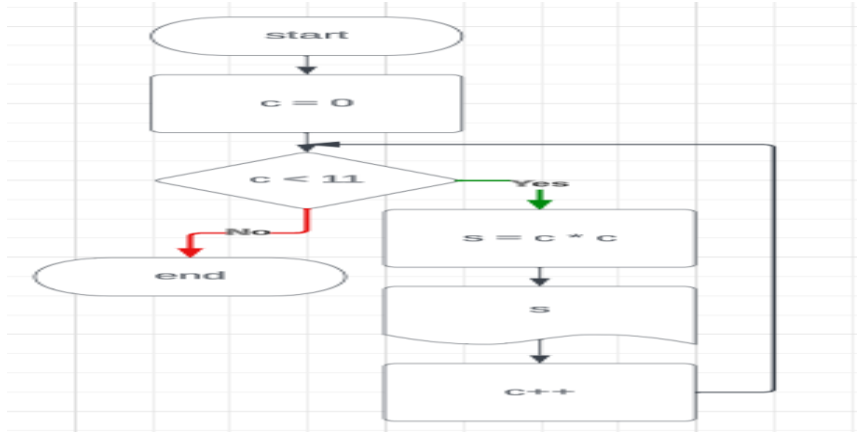
5. Convert Temperature from Fahrenheit (°F) to Celsius (°C)



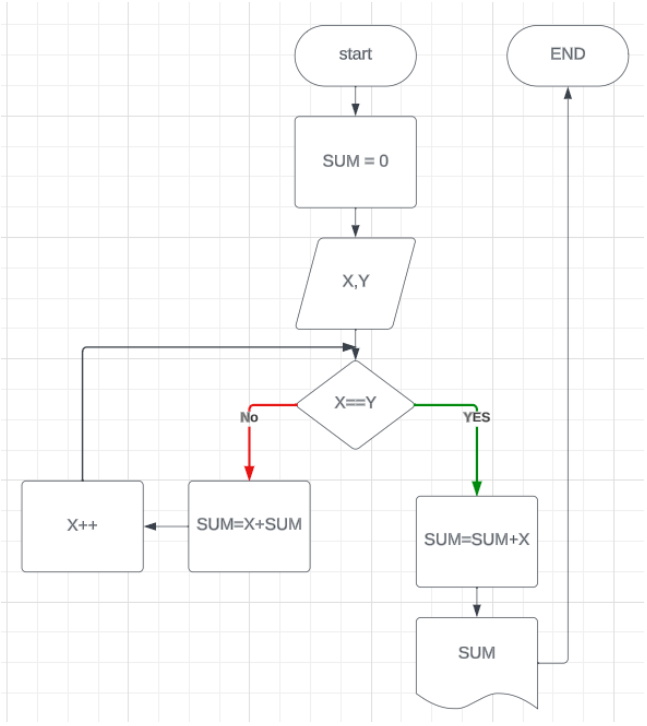
6. Write an algorithm and draw a flowchart to convert the length in feet to centimeter.



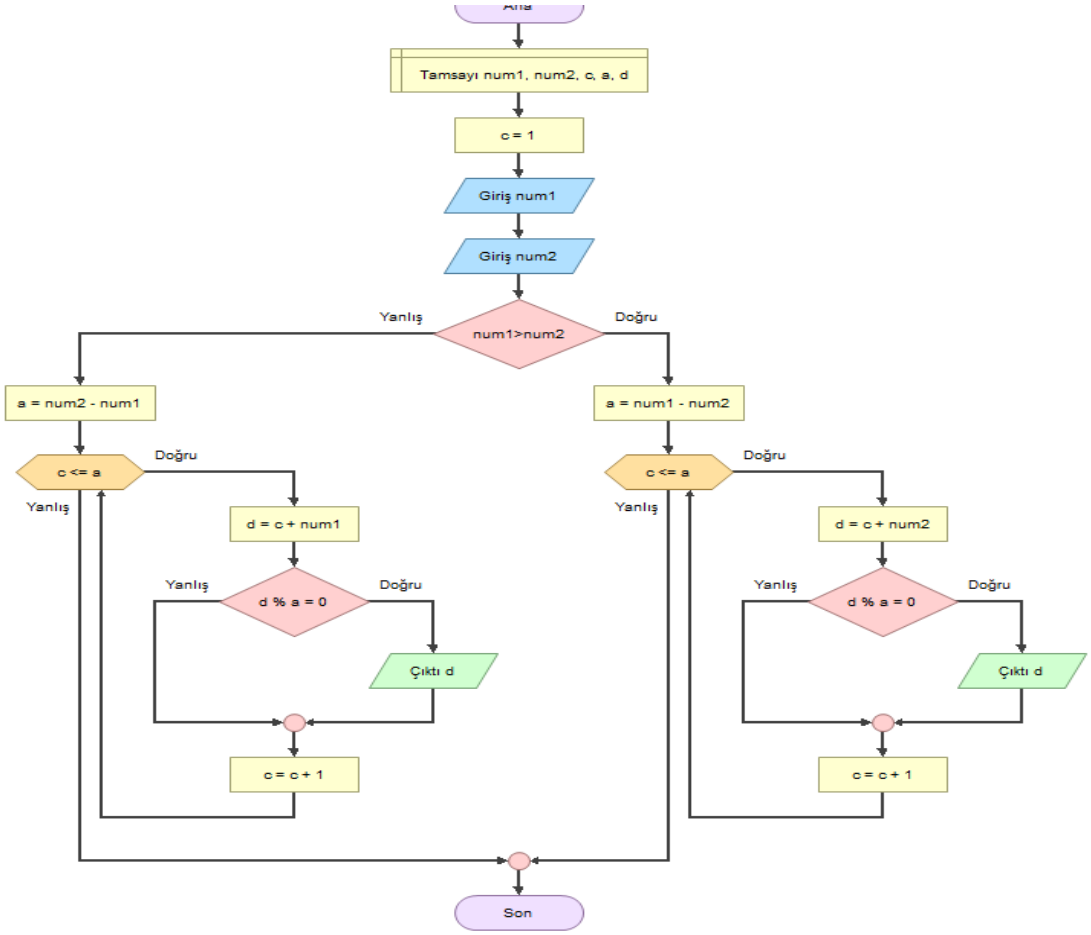
7. Write an algorithm and draw a flowchart to print the square of all numbers from 1 to10.



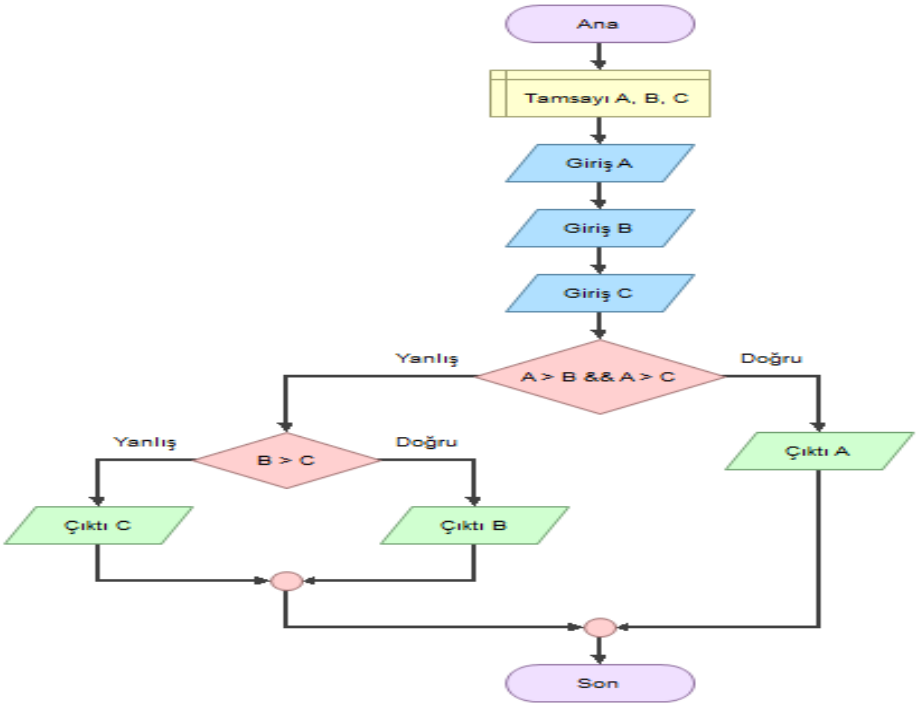
8. Write an algorithm and draw a flowchart to print the SUM of numbers from LOW to HIGH. Test with LOW=3 and HIGH=9



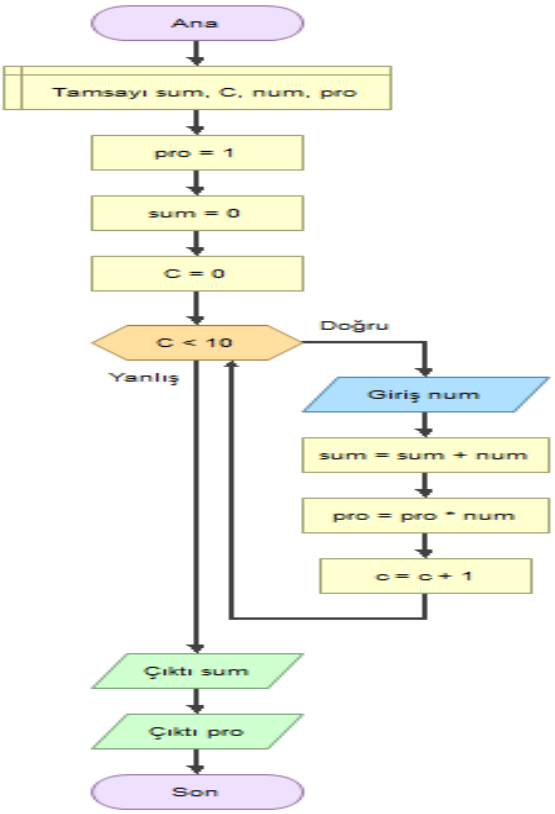
9. Write an algorithm and draw a flowchart to print all numbers between LOW and HIGH that are divisible by NUMBER.



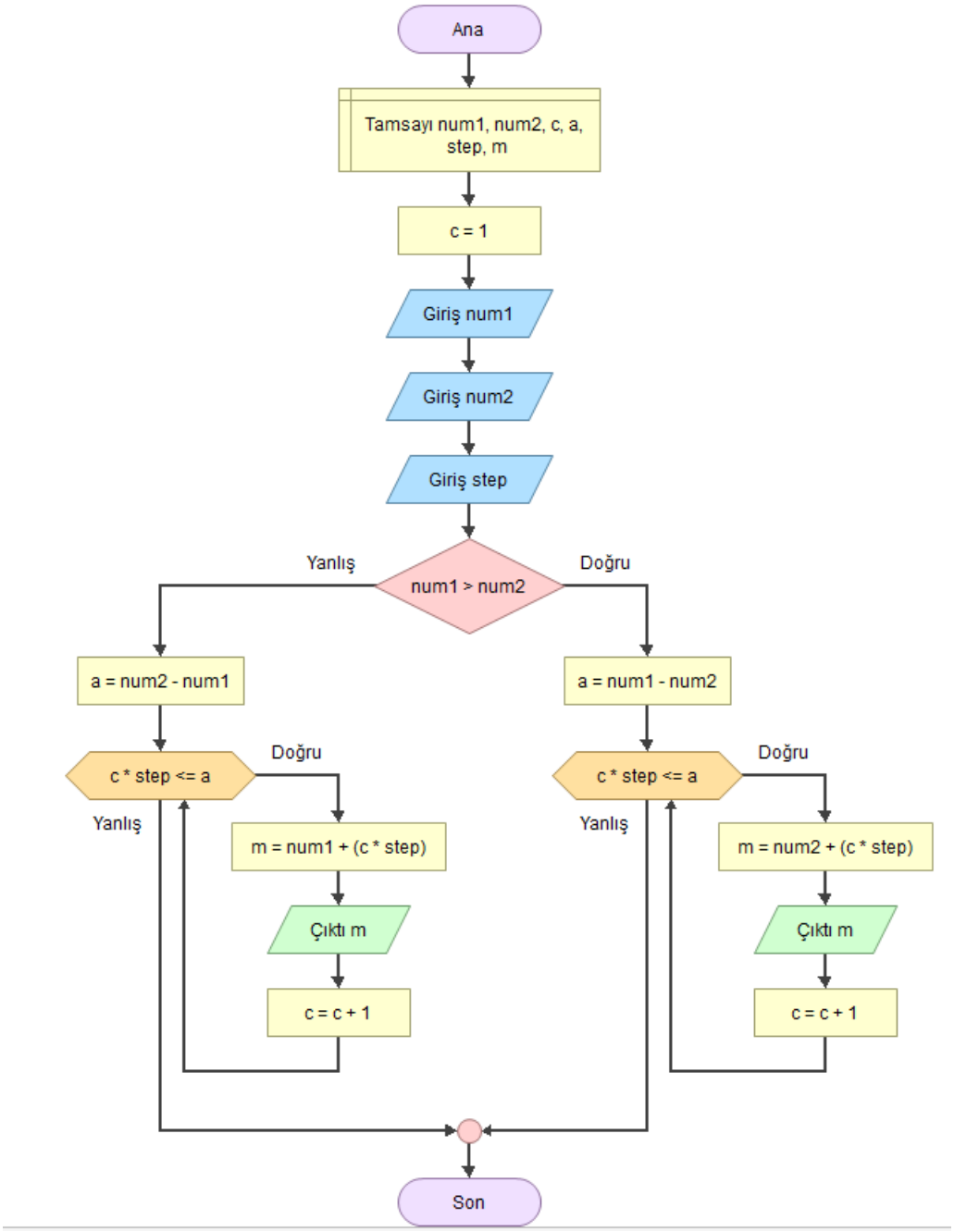
10.Draw a flowchart to find the largest of three numbers A, B, and C



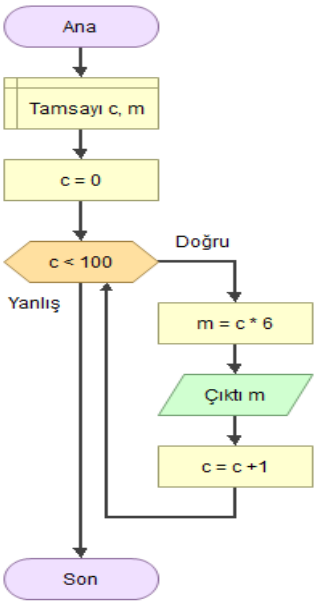
11.Draw a flowchart for a program that reads 10 numbers from the user and prints out their sum, and their product.



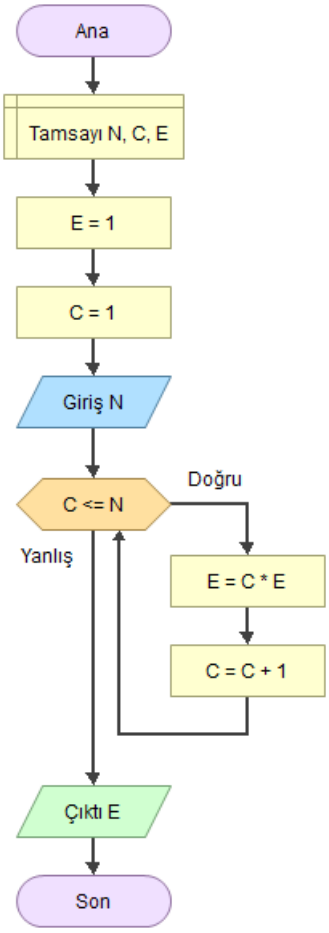
12.Write an algorithm and draw a flowchart to count and print all numbers from LOW to HIGH by steps of STEP. Test with LOW=0 and HIGH=100 and STEP=5.



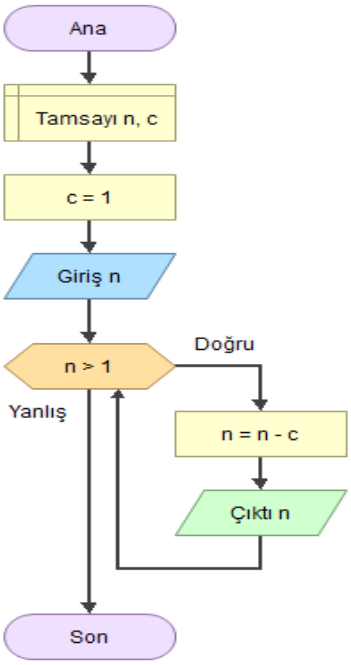
13.Write an algorithm and draw a flowchart to print the multiplication table for 6's.



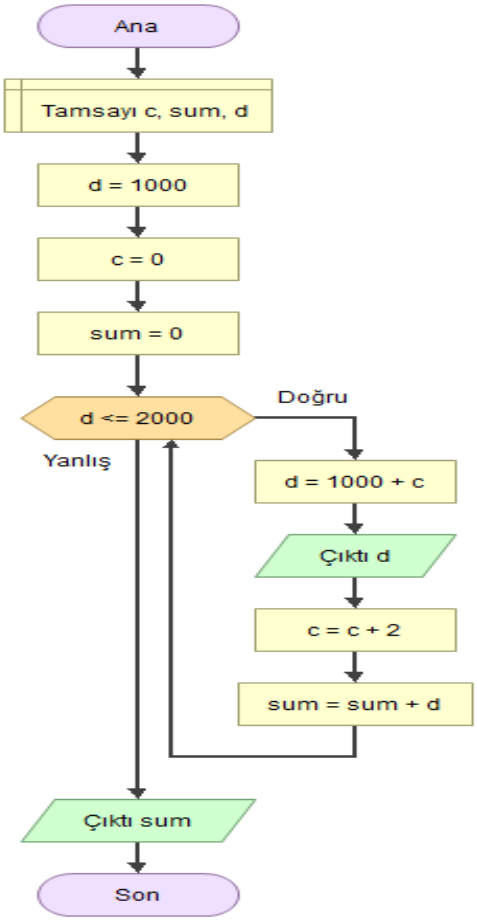
14.Draw a flowchart for computing factorial N (N!).



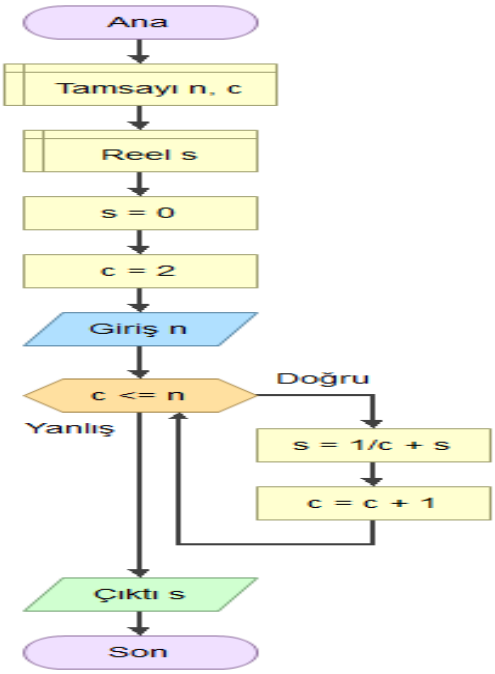
15.Draw a flow chart to print all natural numbers in reverse (from n to 1).



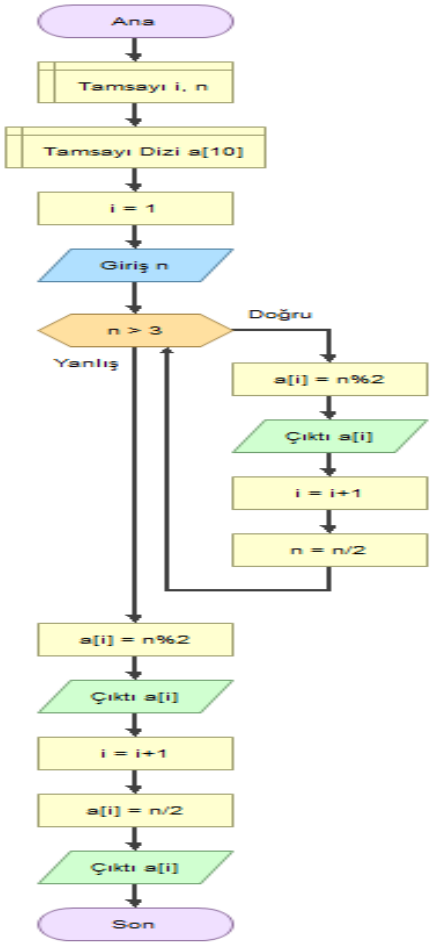
16.Design an algorithm which generates even numbers between 1000 and 2000 and then prints them in the standard output. It should also print total sum.



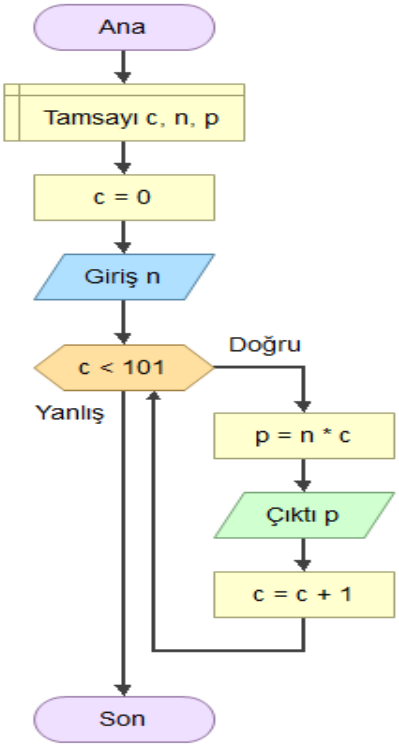
17.Design an algorithm with a natural number, n, as its input which calculates the following formula and writes the result in the standard output: S = ½ + ¼ + … +1/n



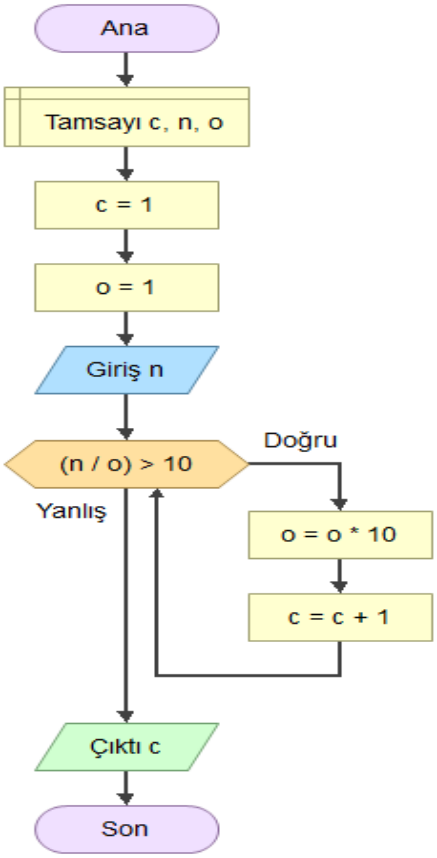
18.Design an algorithm to convert a decimal number, n, to binary format?



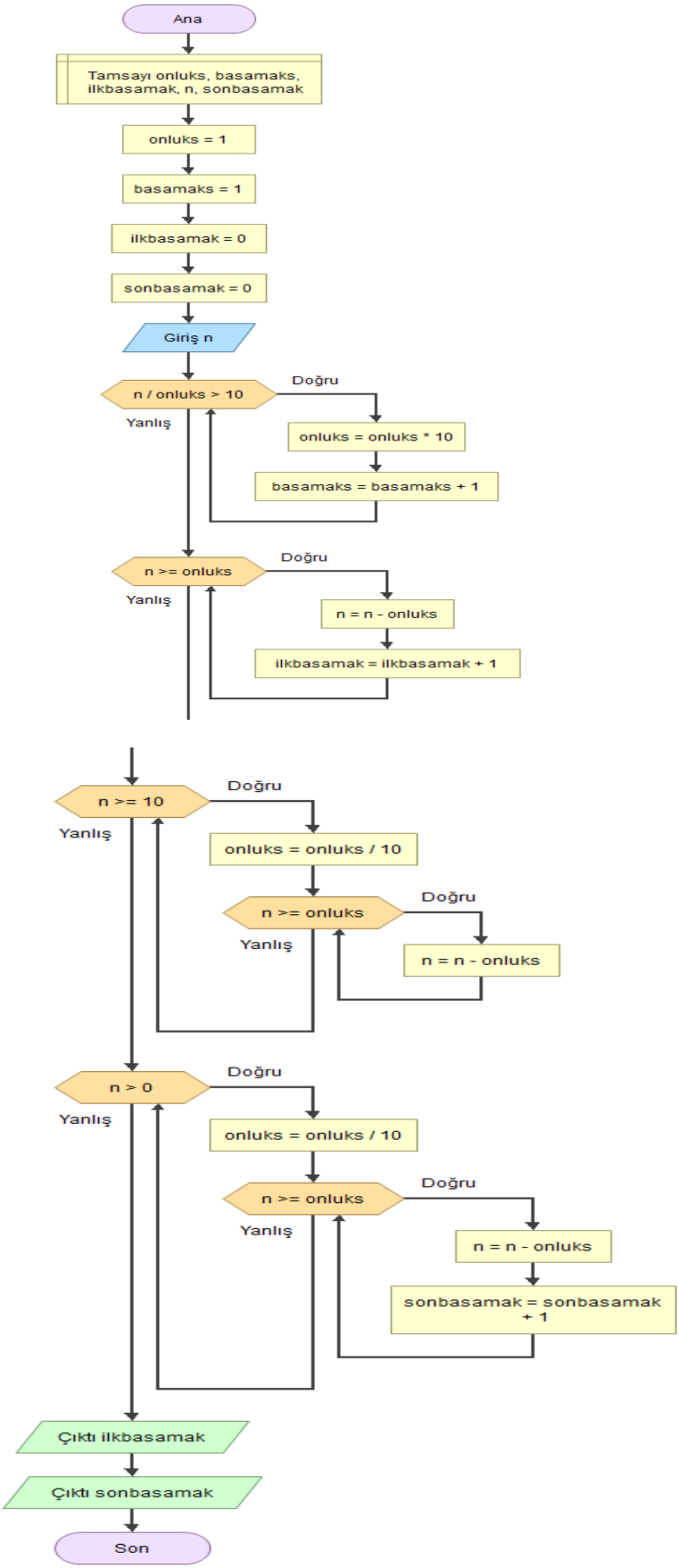
19.Draw a flow chart to print multiplication table of any number.



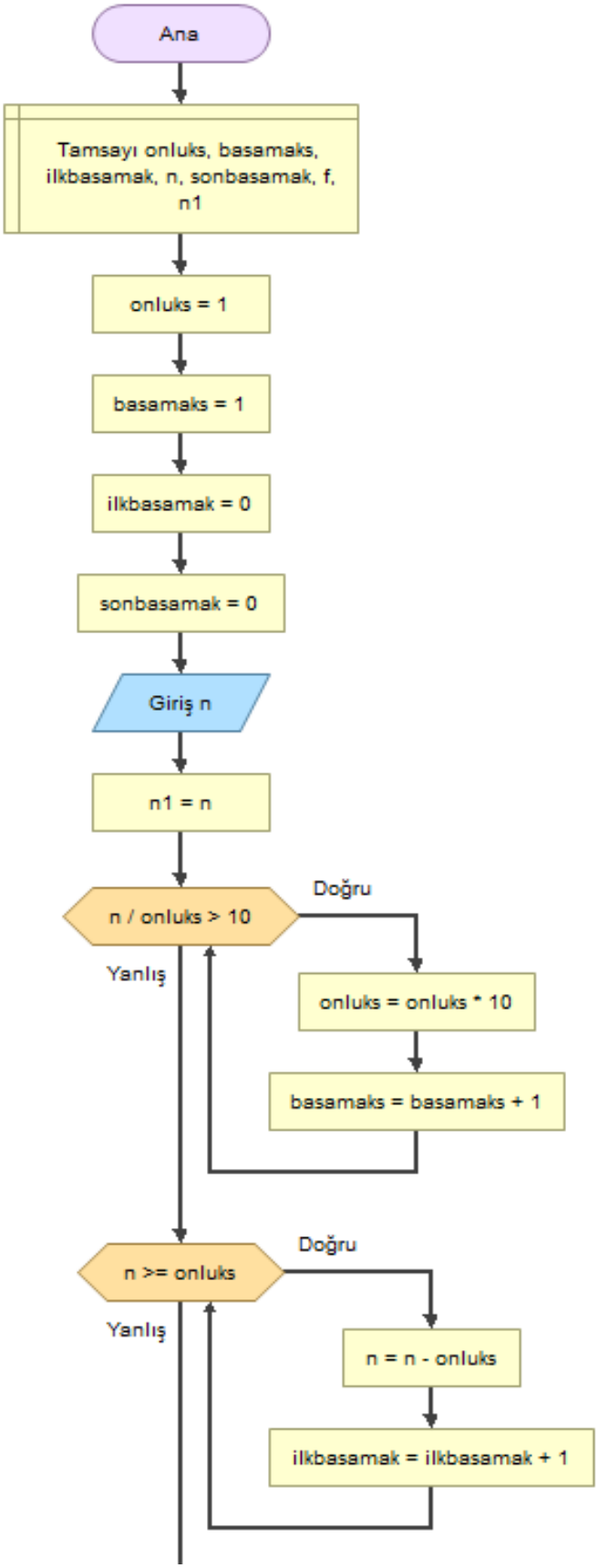
20.Draw a flow chart to count number of digits in a number

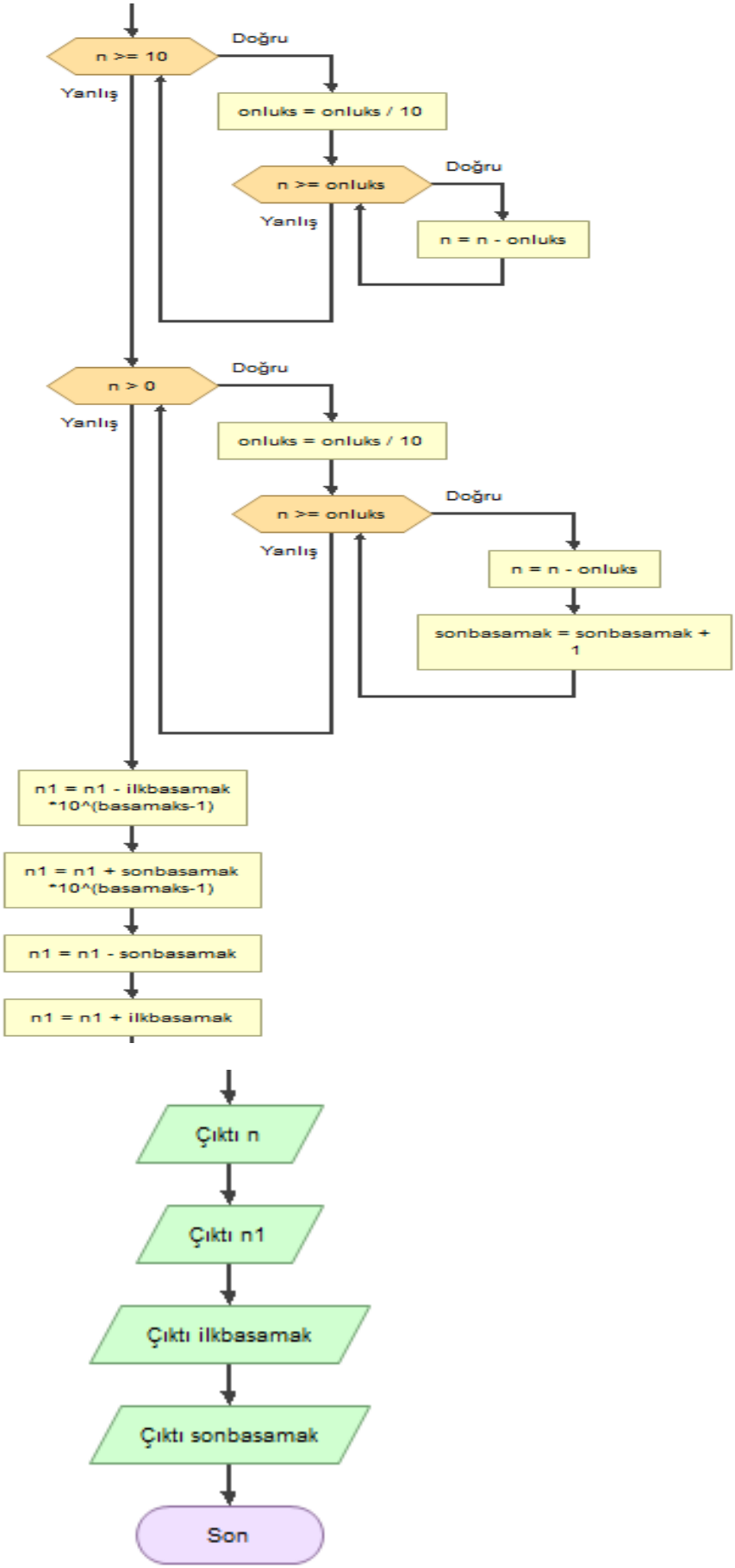


21.Draw a flow chart to find first and last digit of a number.

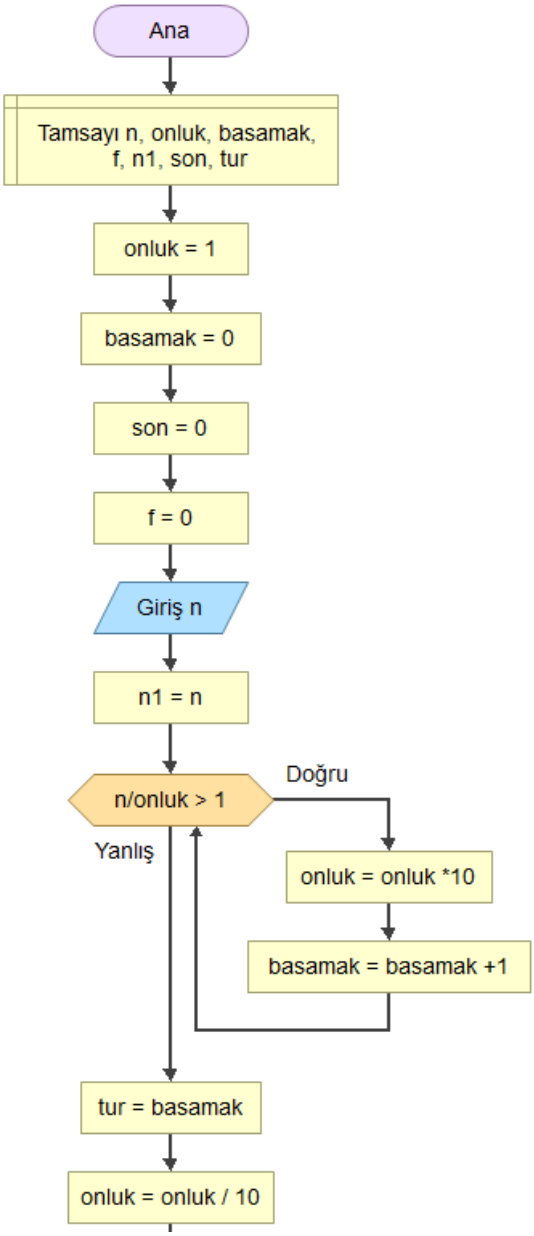


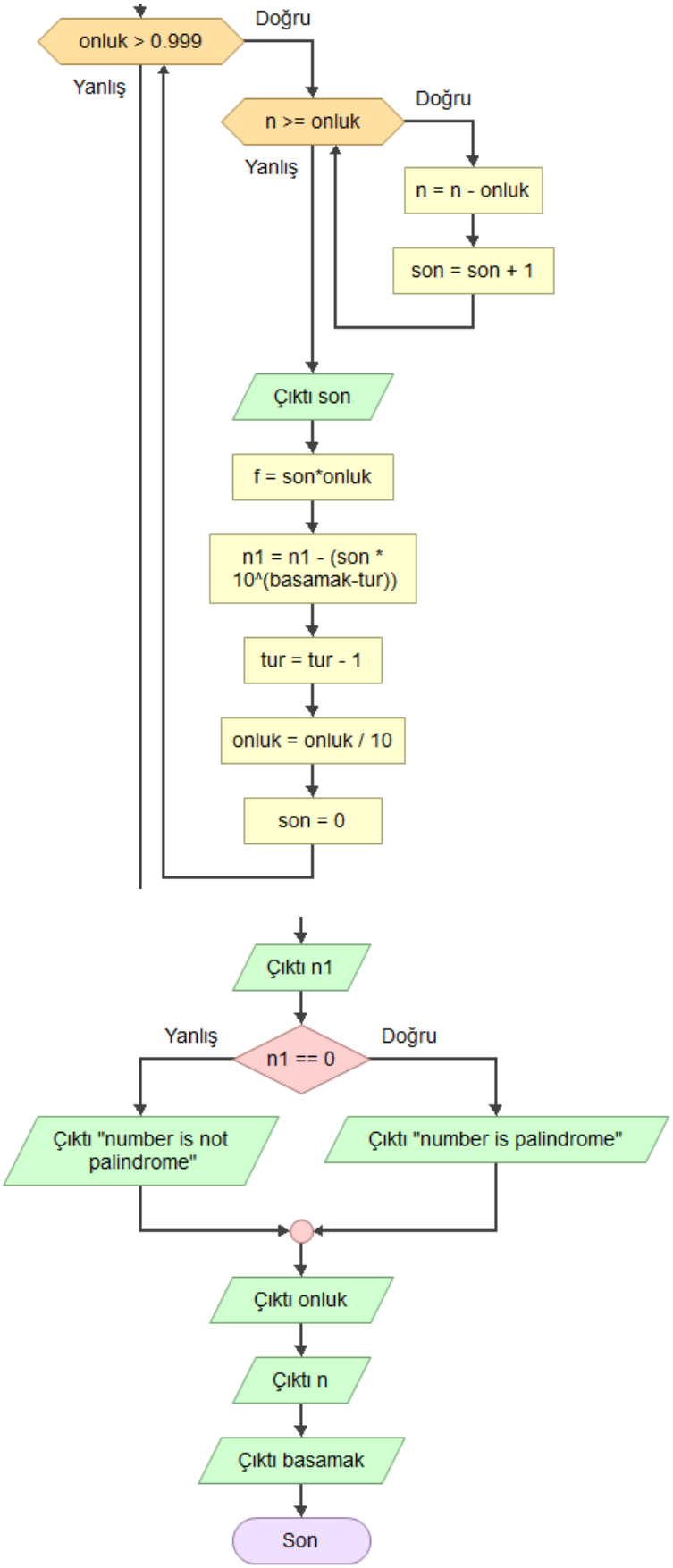
22.Draw a flow chart to swap first and last digits of a number.



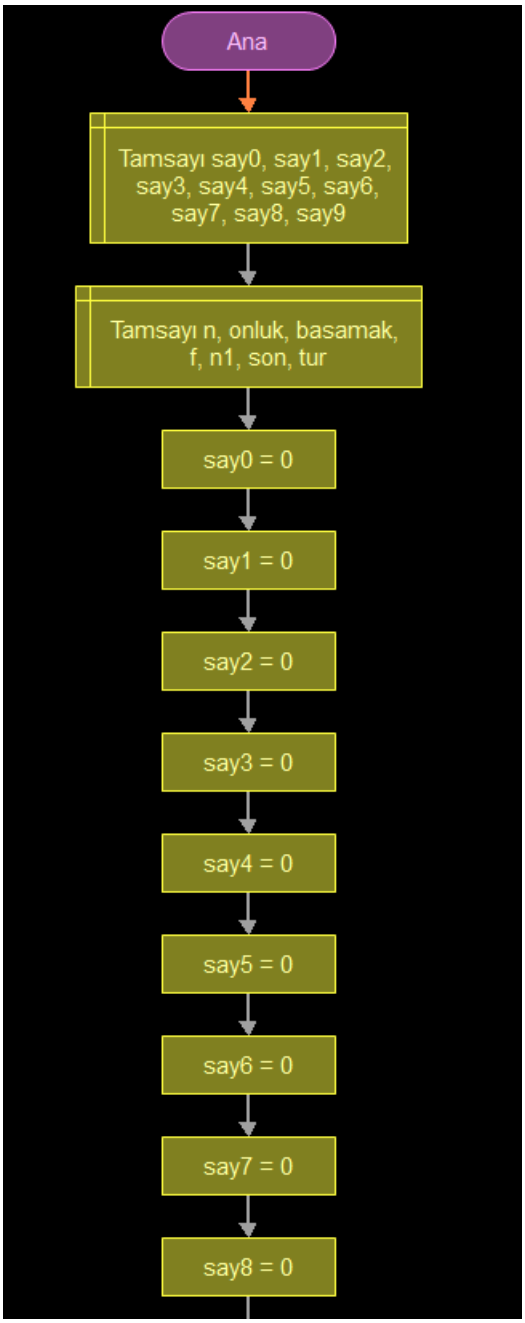

n >= 10
Doğru
Yanlış
onluks = onluks / 10
n >= onluks
Doğru
Yanlış
n = n - onluks
n > 0
Doğru
Yanlış
onluks = onluks / 10
n >= onluks
Doğru
Yanlış
n = n - onluks
sonbasamak = sonbasamak + 1
n1 = n1 - ilkbasamak *10^(basamaks-1)
n1 = n1 + sonbasamak *10^(basamaks-1)
n1 = n1 - sonbasamak
n1 = n1 + ilkbasamak
Çıktı n
Çıktı n1
Çıktı ilkbasamak
Çıktı sonbasamak
Son

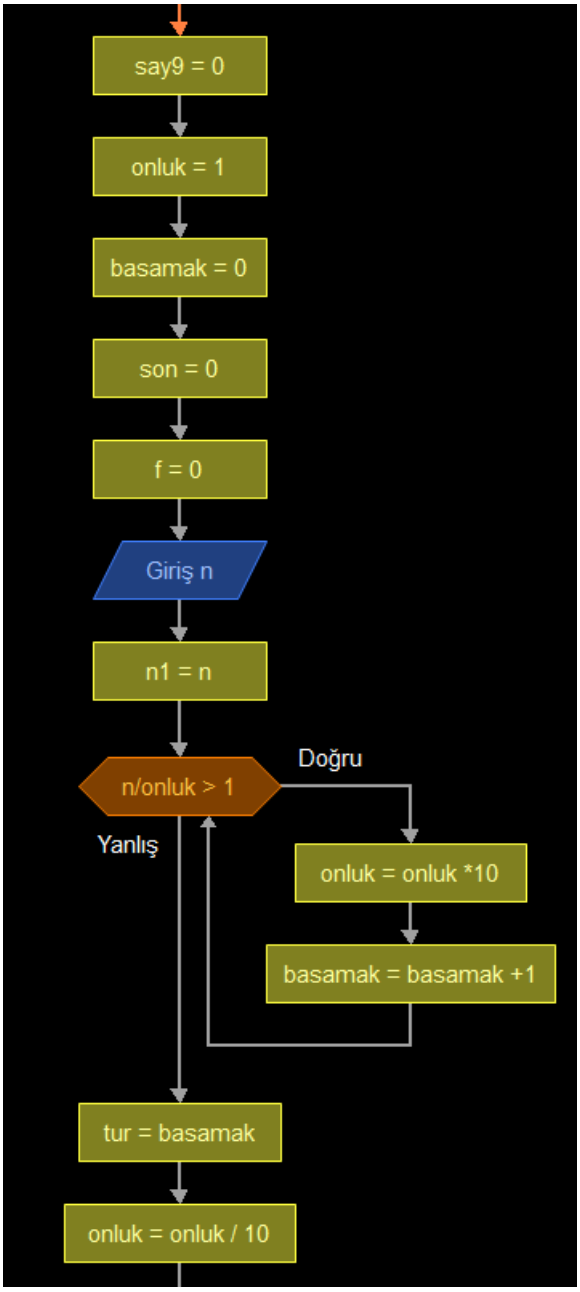
23.Draw a flow chart to check whether a number is palindrome or not

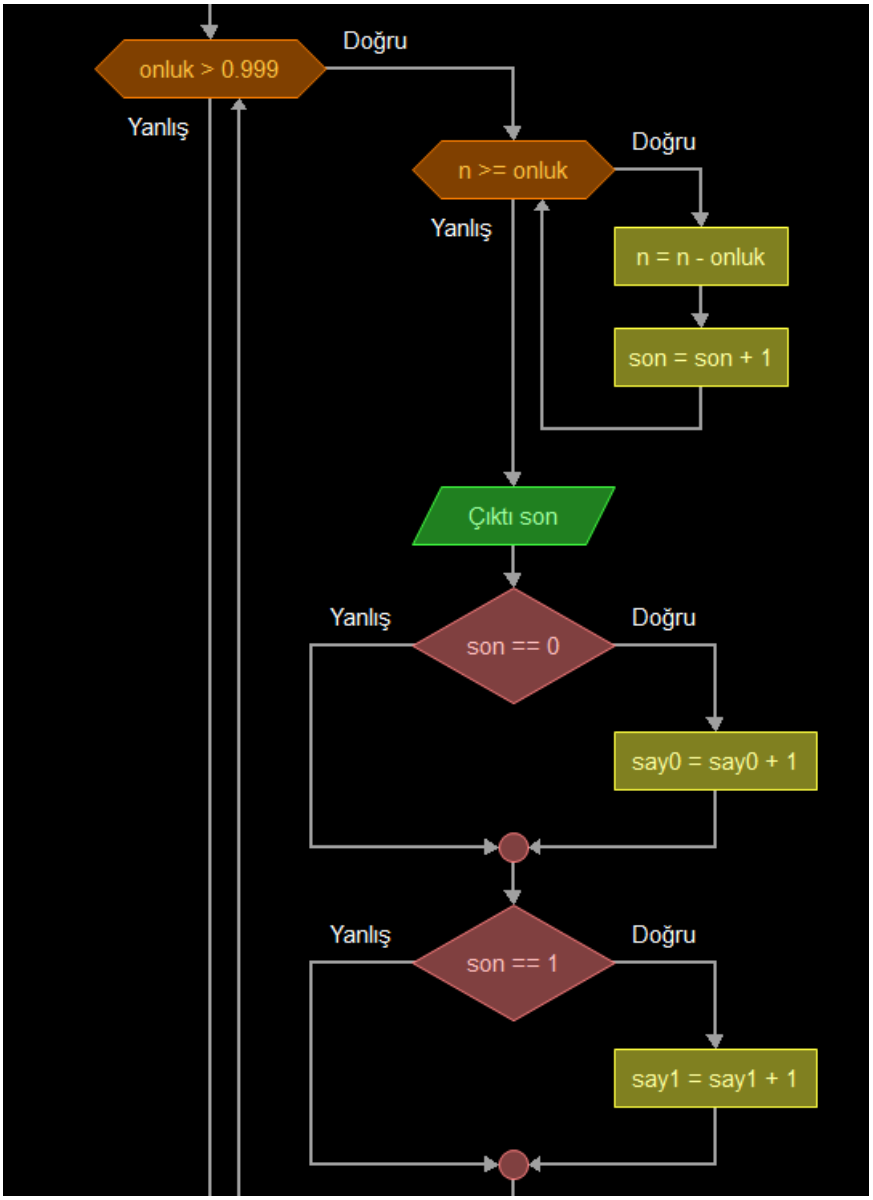


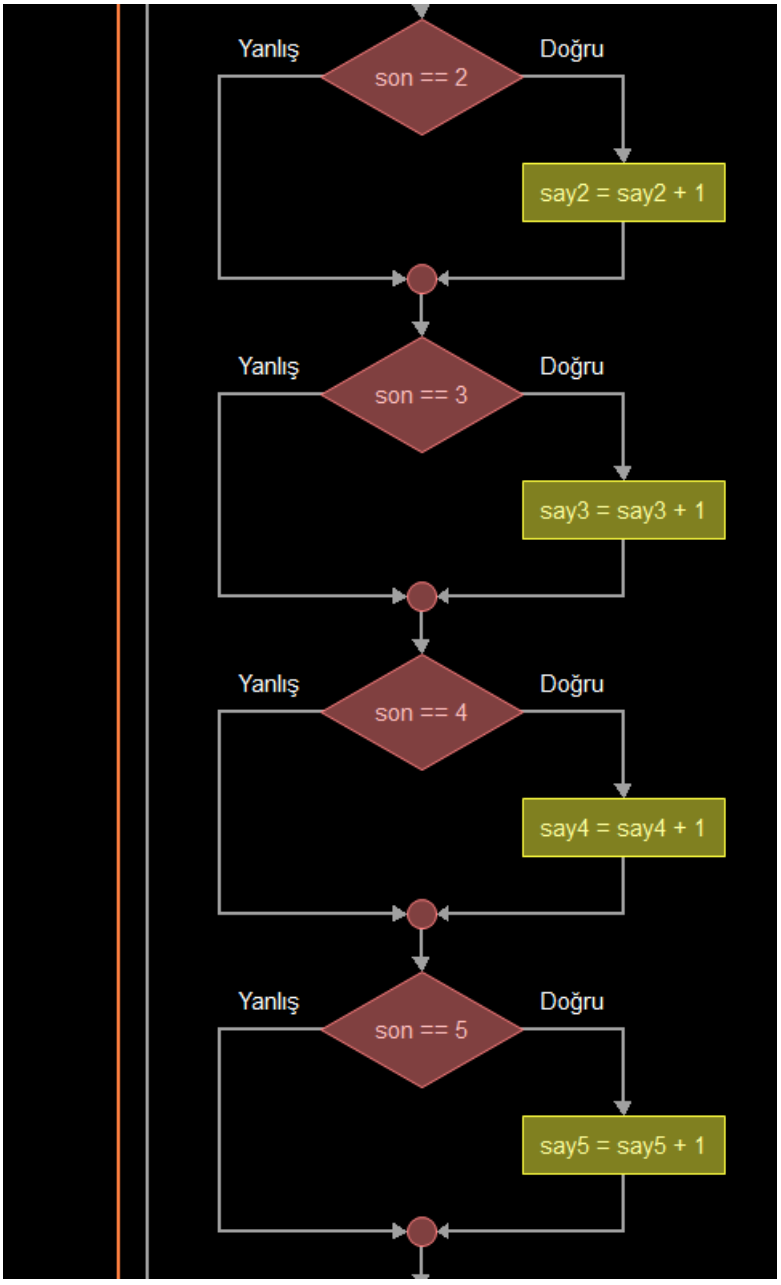

onluk > 0.999
Doğru
Yanlış
n >= onluk
Doğru
Yanlış
n = n - onluk
son = son + 1
Çıktı son
f = son*onluk
n1 = n1 - (son * 10^(basamak-tur))
tur = tur - 1
onluk = onluk / 10
son = 0
Çıktı n1
Yanlış
n1 == 0
Doğru
Çıktı "number is not palindrome"
Çıktı "number is palindrome"
Çıktı onluk
Çıktı n
Çıktı basamak
Son

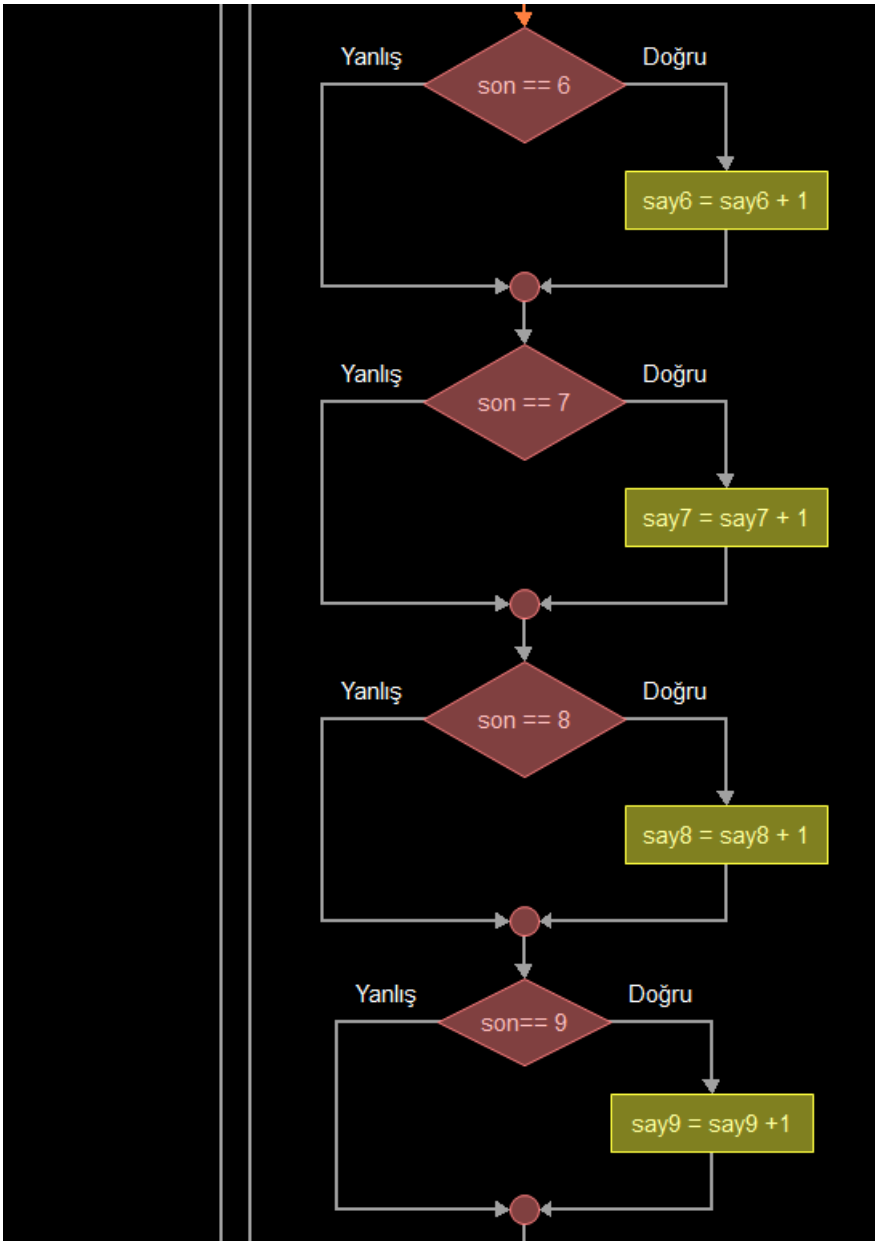
24.Draw a flow chart to find frequency of each digit in a given integer

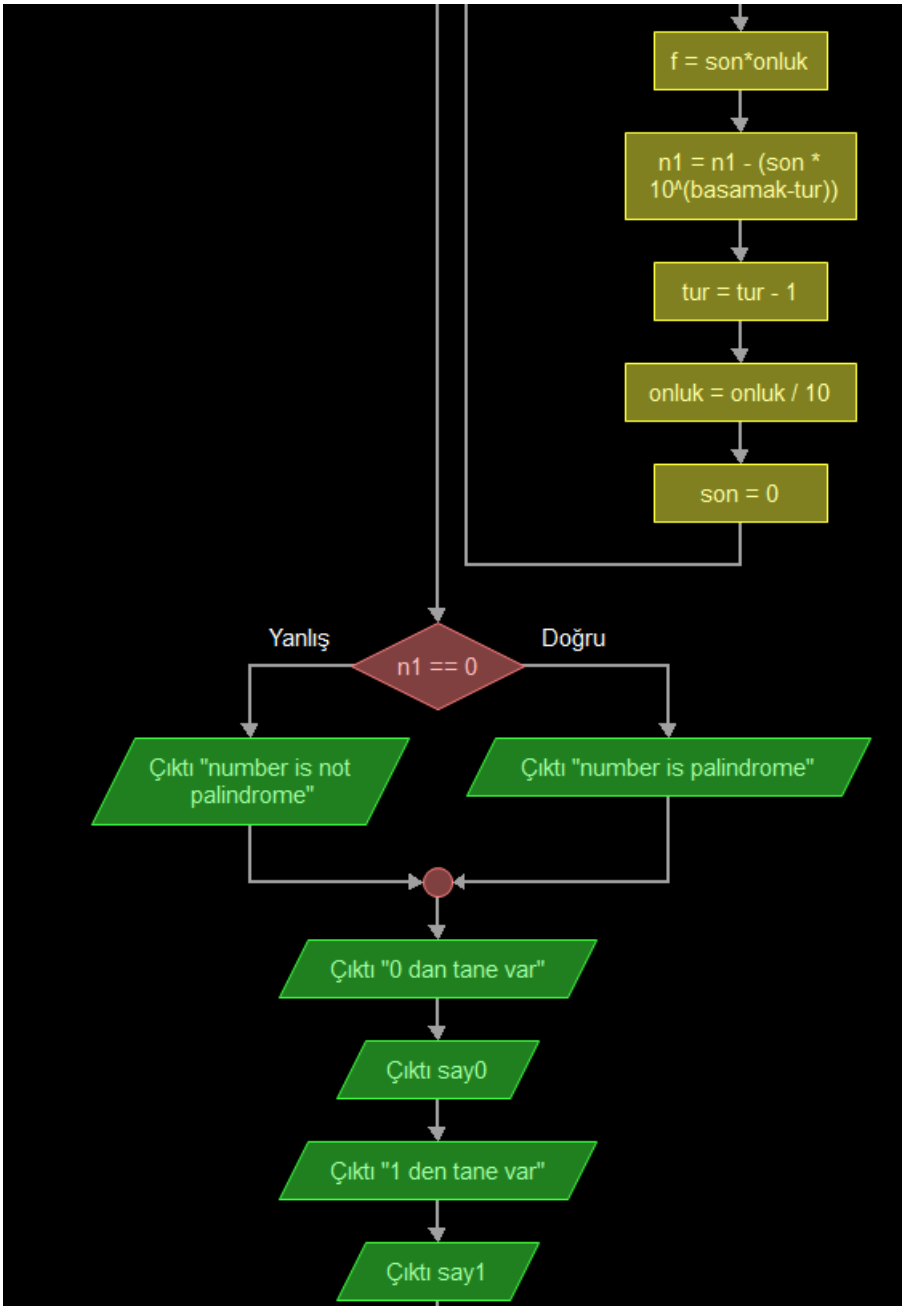


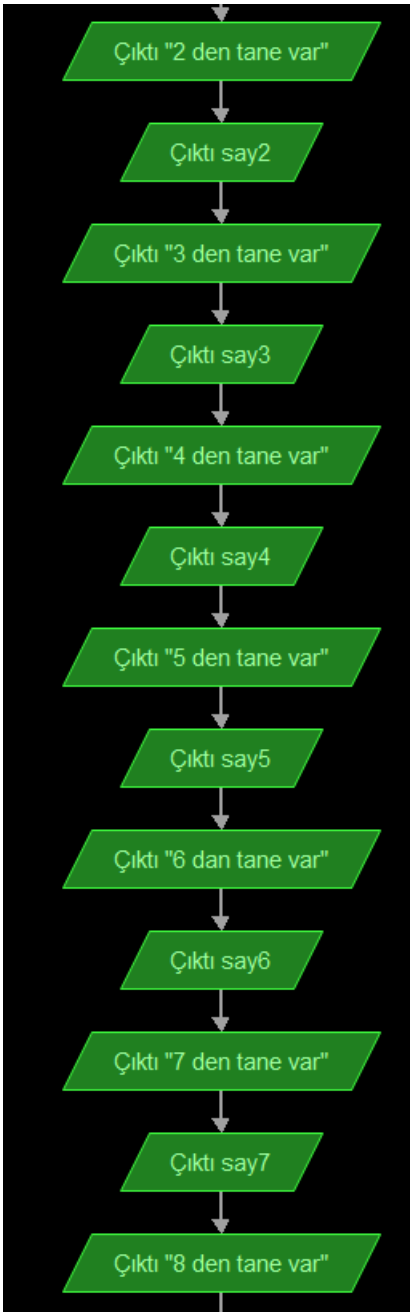

say9 = 0
onluk = 1
basamak = 0
son = 0
f = 0
Giriş n
n1 = n
n/onluk > 1
Doğru
Yanlış
onluk = onluk *10
basamak = basamak +1
tur = basamak
onluk = onluk / 10

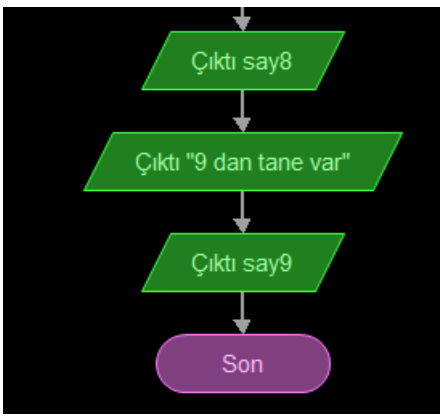

onluk > 0.999
Doğru
Yanlış
n >= onluk
Doğru
Yanlış
n = n - onluk
son = son + 1
Çıktı son
Yanlış
son == 0
Doğru
say0 = say0 + 1
Yanlış
son == 1
Doğru
say1 = say1 + 1


Yanlış
son == 2
Doğru
say2 = say2 + 1
Yanlış
son == 3
Doğru
say3 = say3 + 1
Yanlış
son == 4
Doğru
say4 = say4 + 1
Yanlış
son == 5
Doğru
say5 = say5 + 1


Yanlış
son == 6
Doğru
say6 = say6 + 1
Yanlış
son == 7
Doğru
say7 = say7 + 1
Yanlış
son == 8
Doğru
say8 = say8 + 1
Yanlış
son== 9
Doğru
say9 = say9 +1


f = son*onluk
n1 = n1 - (son * 10^(basamak-tur))
tur = tur - 1
onluk = onluk / 10
son = 0
Yanlış
n1 == 0
Doğru
Çıktı "number is not palindrome"
Çıktı "number is palindrome"
Çıktı "0 dan tane var"
Çıktı say0
Çıktı "1 den tane var"
Çıktı say1


Çıktı "2 den tane var"
Çıktı say2
Çıktı "3 den tane var"
Çıktı say3
Çıktı "4 den tane var"
Çıktı say4
Çıktı "5 den tane var"
Çıktı say5
Çıktı "6 dan tane var"
Çıktı say6
Çıktı "7 den tane var"
Çıktı say7
Çıktı "8 den tane var"


Çıktı say8
Çıktı "9 dan tane var"
Çıktı say9
Son

25.Draw a flow chart to find HCF (Highest Common Factor) of two numbers