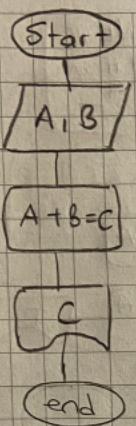


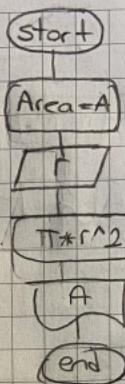
HOMEWORK 1

Elif Ölgencik
2110213006

1.

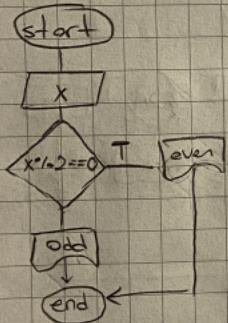


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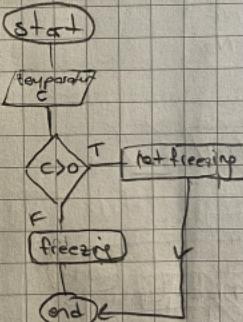


πr^2

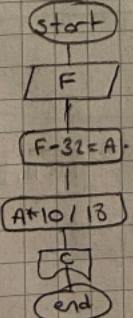
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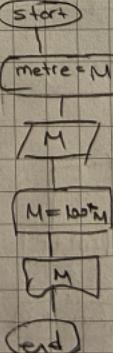
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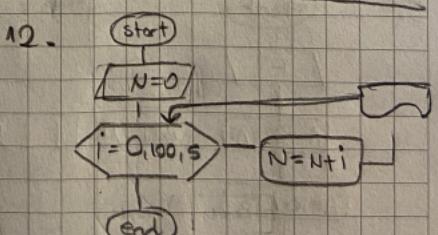
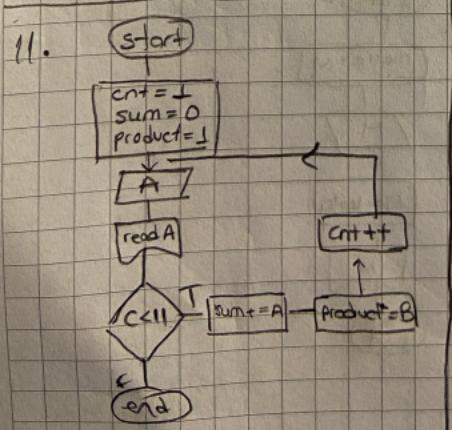
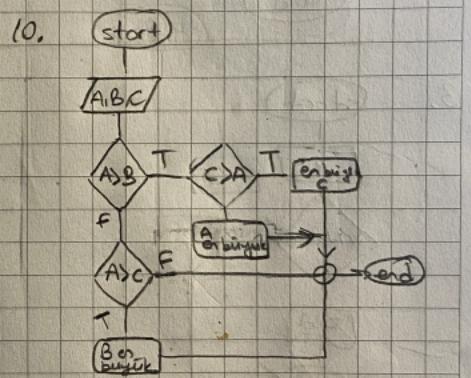
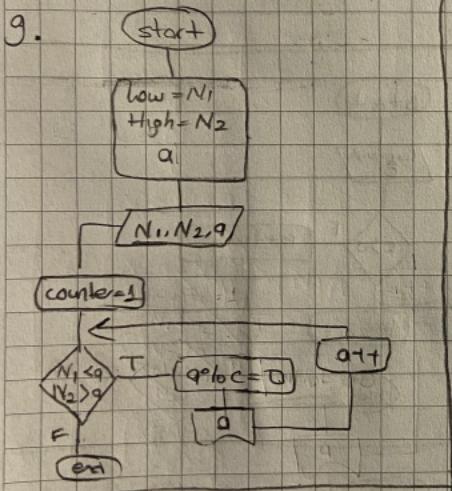
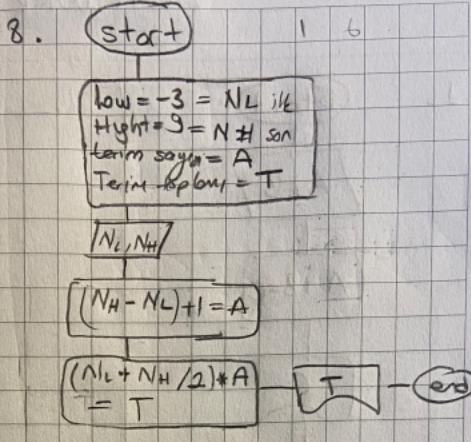
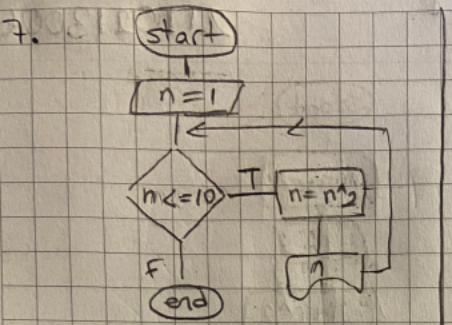


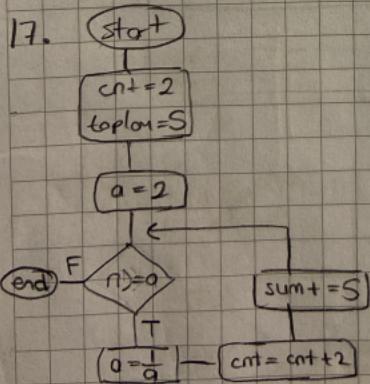
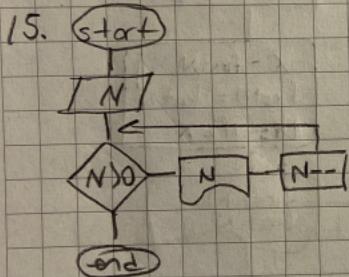
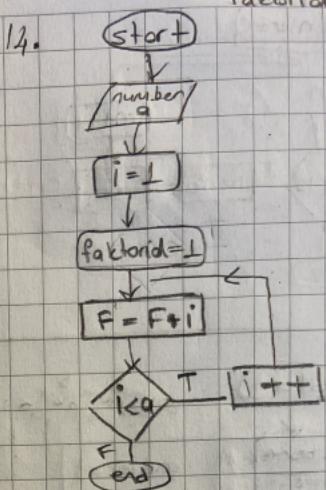
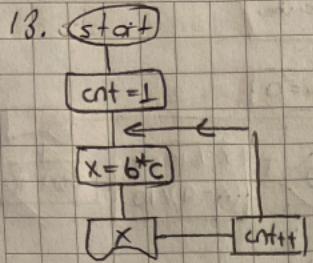
b.



Bütün terimler = $\frac{\text{ilk term} + \text{son term}}{2} \cdot \text{terim sayı}$

terim sayısı = $\frac{\text{son term} - \text{ilk term}}{\text{ortak fark}} + 1$

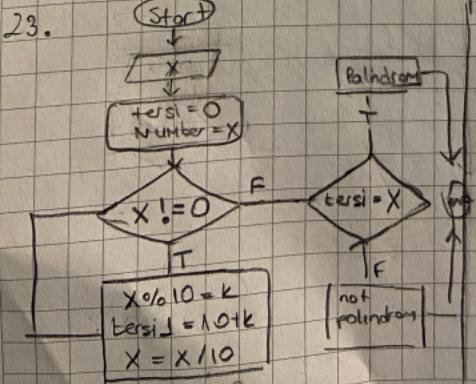
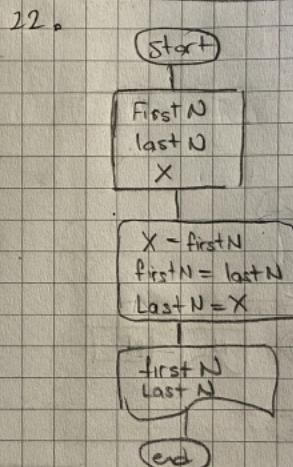
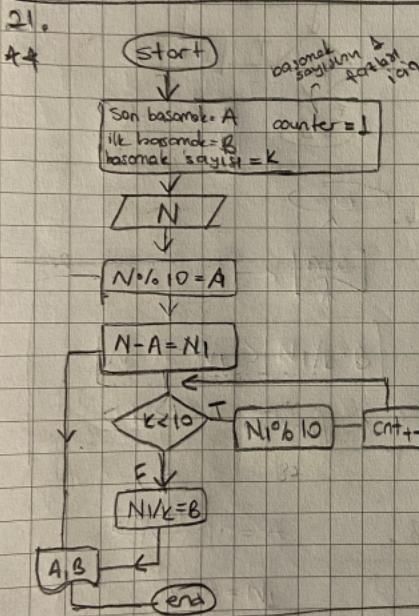
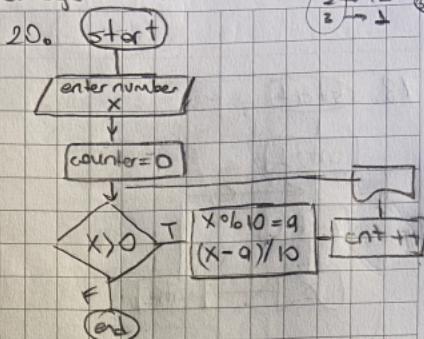
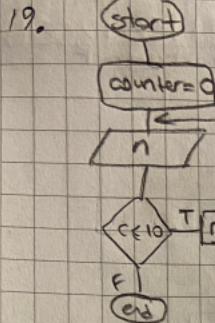




18.

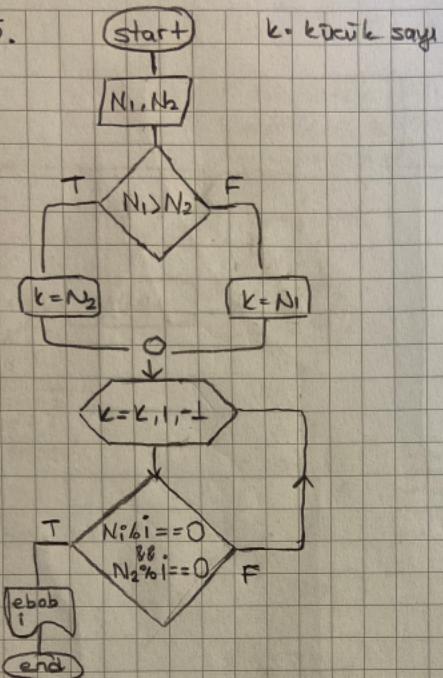
* Bir sayının kaç basamaklı olduğunu bulmak için sayıyı kalan kismı dikkate alınarak 10'a kara sefer böldüğünü kontrol ederek bulunur. Toplam bölümlere sayısının basamak değerini verir.

$$\begin{array}{c} 123 \\ \downarrow \text{10'a böl} \\ 2 \quad 12 \\ \downarrow \quad \downarrow \\ 3 \quad 1 \end{array}$$



24.

25.



1-10.000 arası perfect number arası diyagramı

