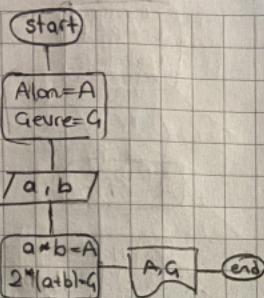


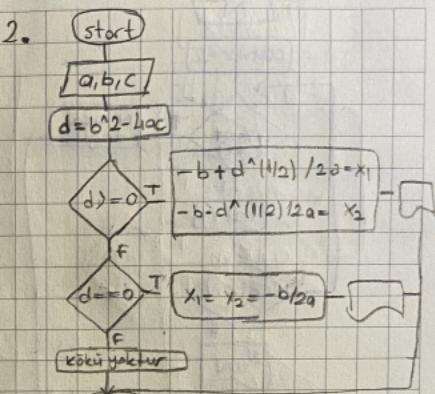
Elif Öcerköt  
2110213006

## HOMEWORK 2

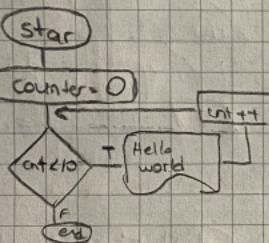
1.



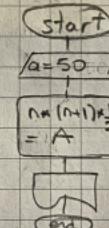
2.



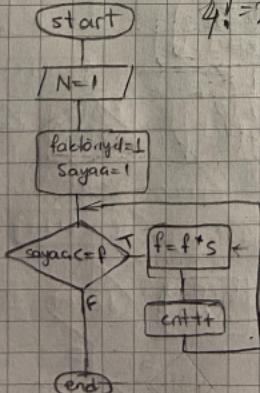
3.



4.

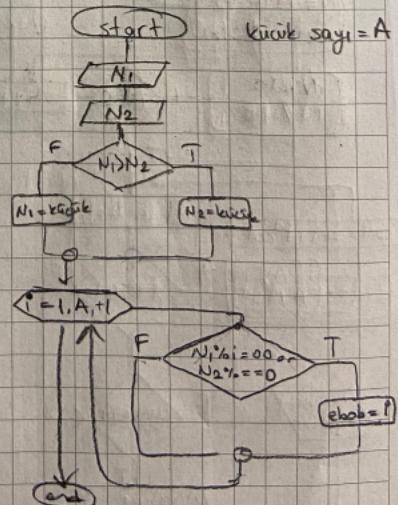


5.



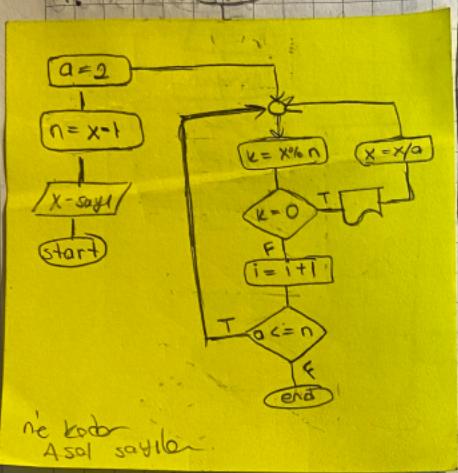
$$4! = 24$$

b.

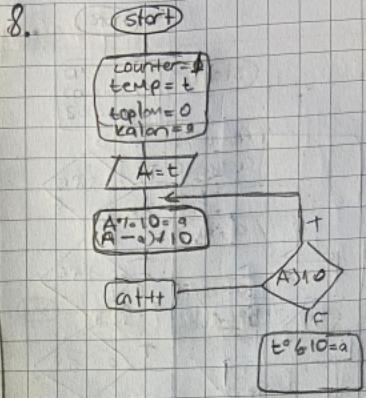


küçük sayı = A

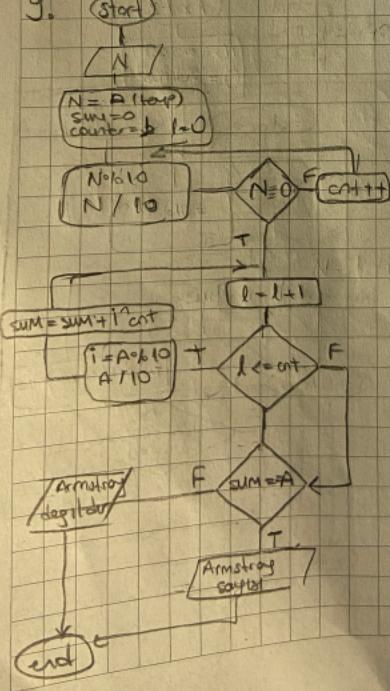
7. 5.1 Start



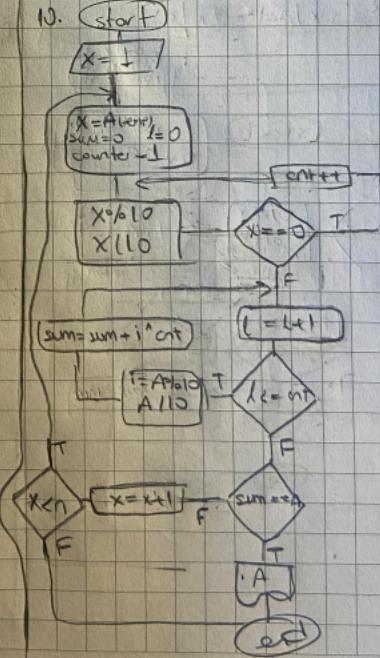
8.



9. Start



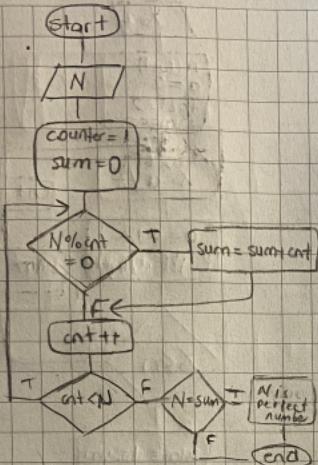
10. Start



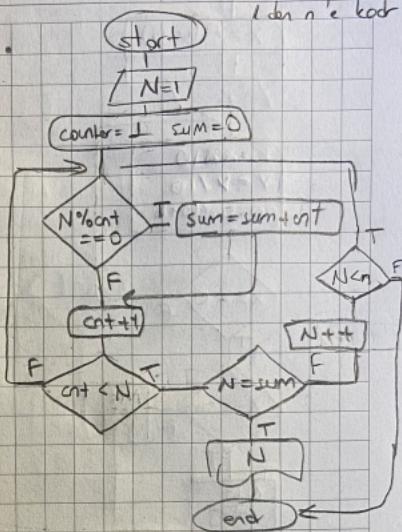
$$\text{Gölgü sayı } 145 = 1! + 4! + 5!$$

mükemmel sayı = kendisi hariç pozitif böllerine eşit olan sayılar.

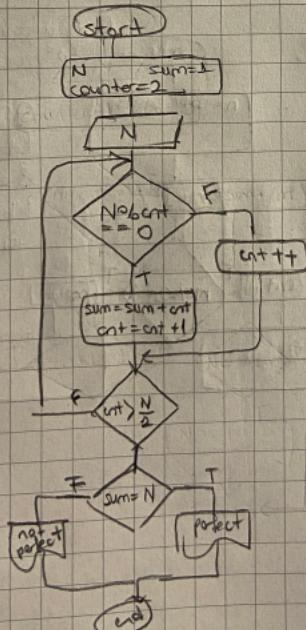
11.



12.



13.

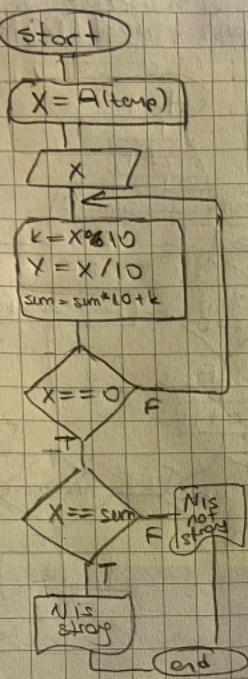


14

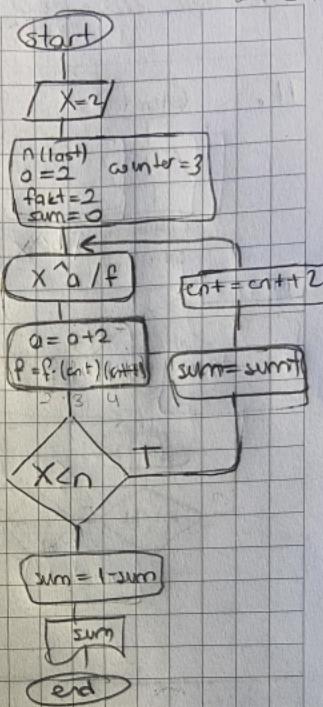
$$1 - \frac{x^2}{2!} + \frac{x^4}{4!}$$

$$2 - \frac{1}{3!} \cdot \frac{4}{5!}$$

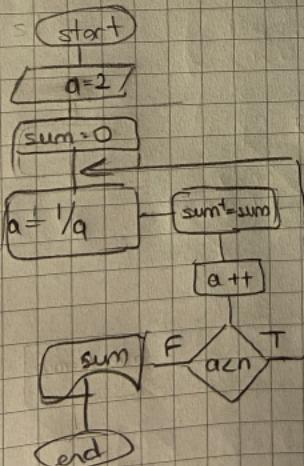
15.



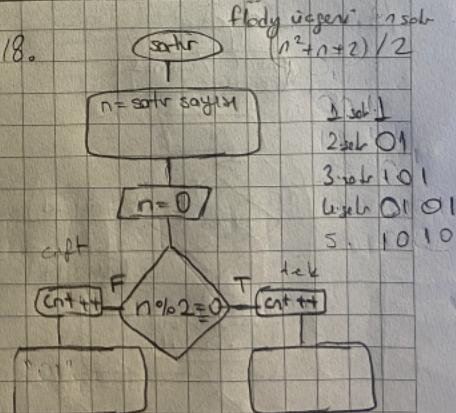
16.



17.



18.

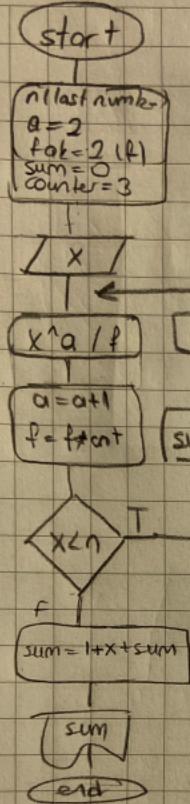


$$x - \frac{x^3}{3!} + \frac{x^5}{5!}$$

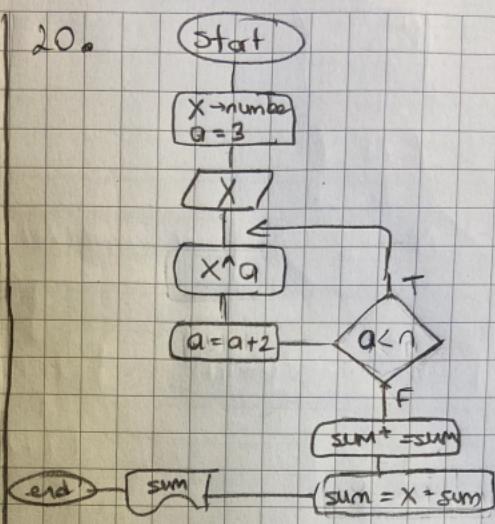
## Homework 2

$$+x + \frac{x^2}{2!} + \frac{x^3}{3!}$$

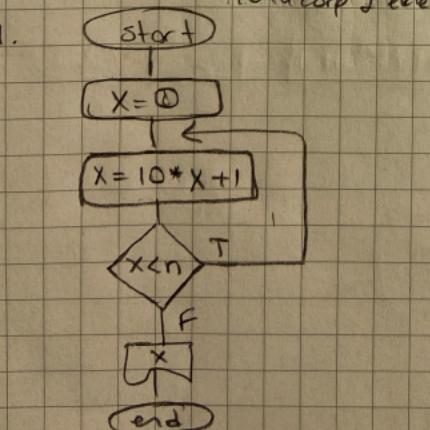
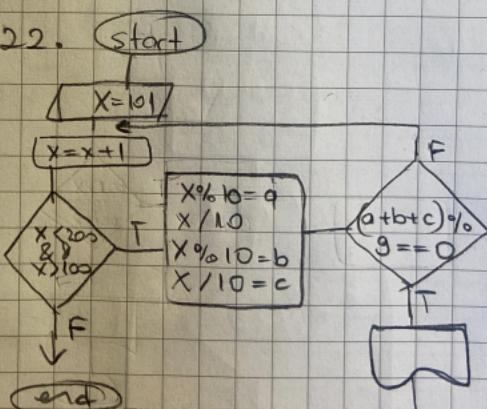
9.



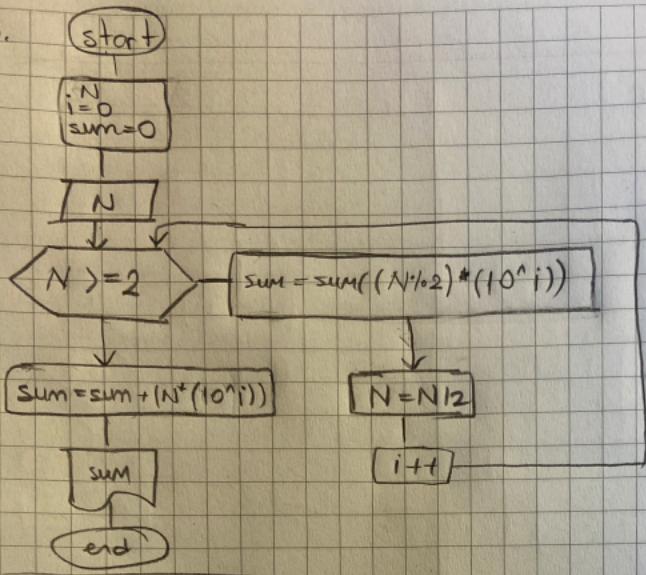
20.



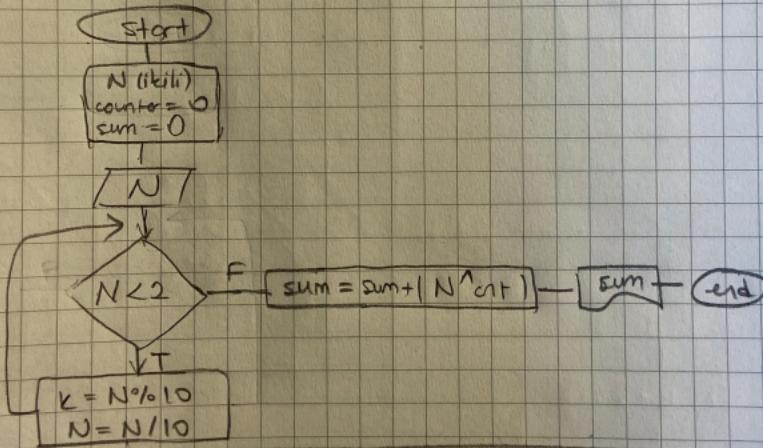
22.



23.



24.



25.