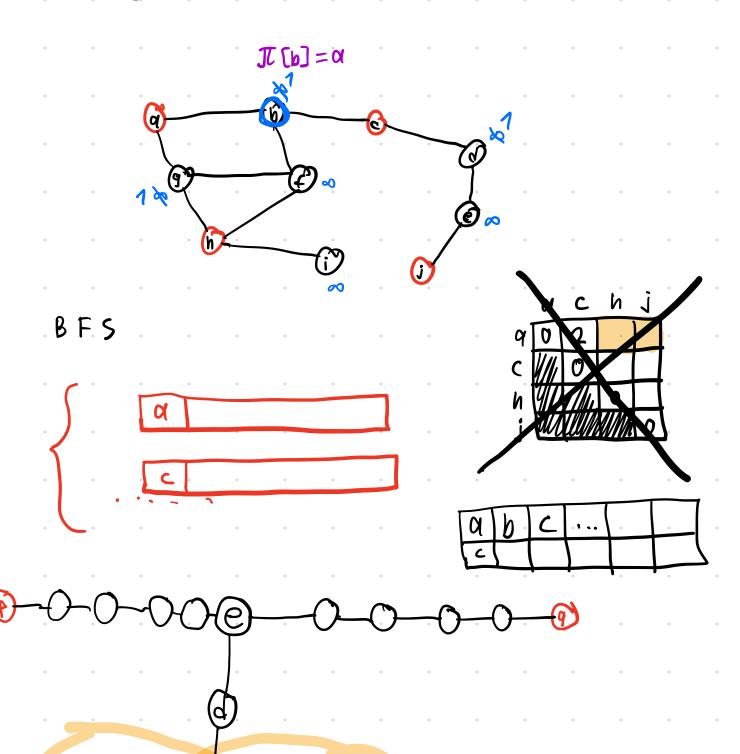
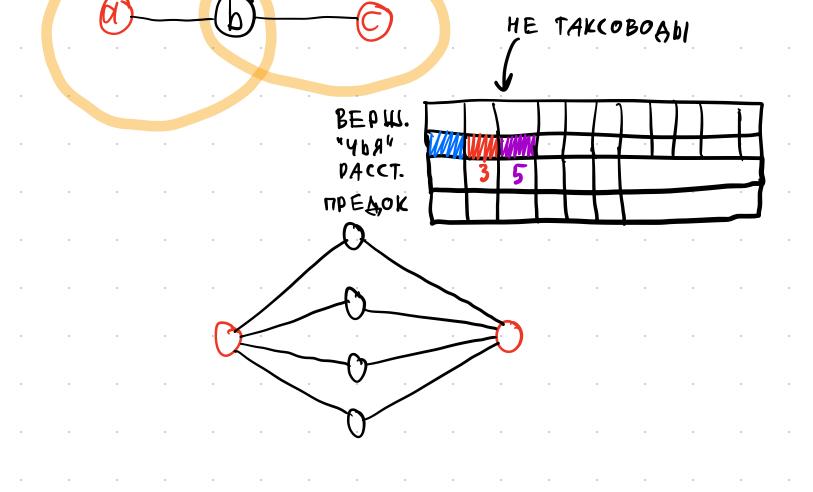
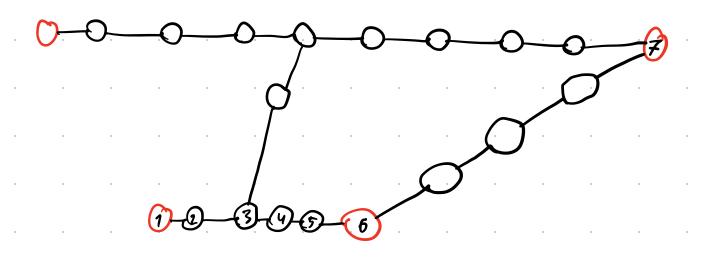
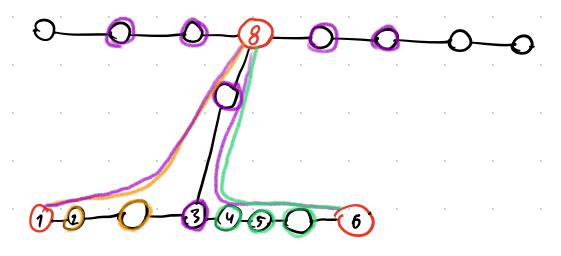
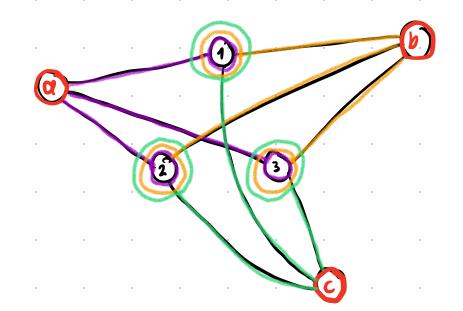
5. O(m.(|V|+|E|))



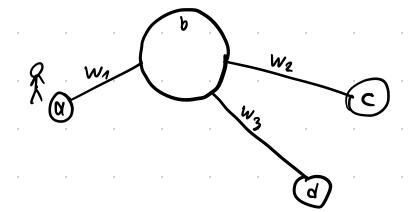


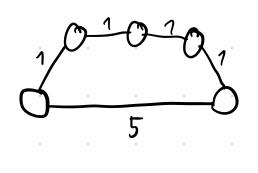


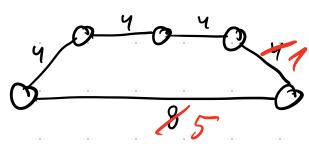


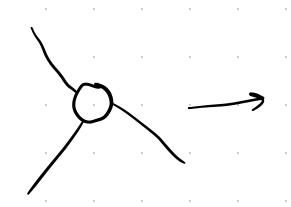


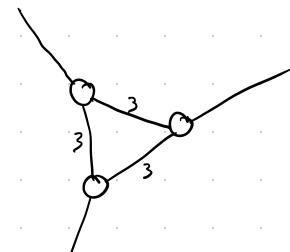
3ABAYA 1.







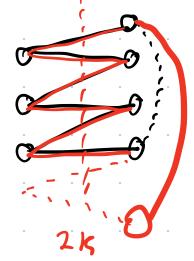




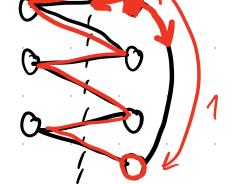
IVI, IEI -> KIVI, IEI+KIV)

3ABA4A 3

1) HEY. ANUN. => HE ABYA.



2) HE ABYA. => HEY. AMUN.

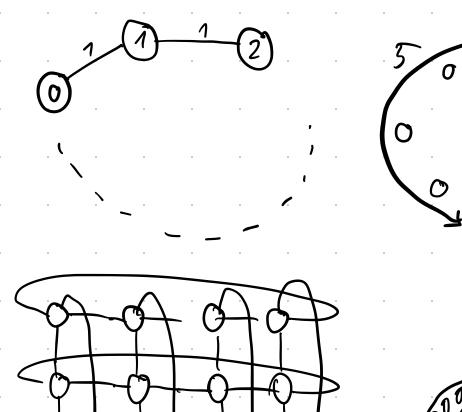


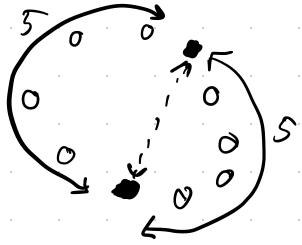
AMG THEY GUKN => TDAPGABYA.

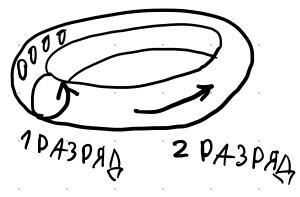
MPEAN, 4TO GHE ABYA.

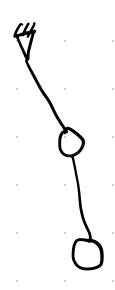
GHE ABY A. => 3 HEY. YUKA

$$(A => B) \Rightarrow (7B => 7A)$$



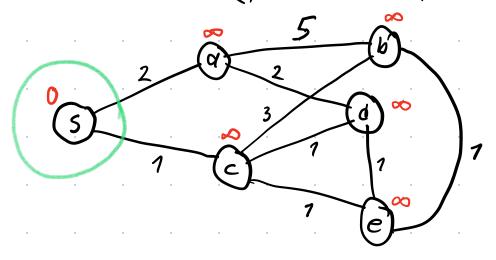






$$\left\lfloor \frac{10}{2} \right\rfloor \cdot 4 = 20$$

ANTOPUTM AEUKCTPOI

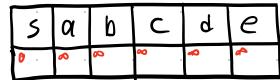


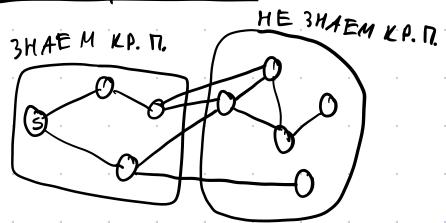
иниц. (d[v)=0, d[s]=0)

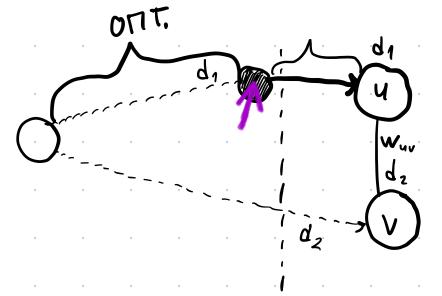
FOV

u = extr_min(heap)

for euv in E: relax (u,v)







d2>d1

- 1) d1 + Wuv > d2
- 2) d1 = W4v < d2
- 1) d1 < d2 } => d1 < d2 + Wuv
- 2) Wy >0

$$d_{y} = min_{1} \left(\left\{ V_{HERD, 1}, V_{HERD, 2}, \dots \right\} \right)$$

