CNOMHOCT HO CLAZOPLITEM $f(n) = 2n^2 + 300$ Zalemuna CTBITKH, KOUTU GAZOPUTZMA Ha Broga We uzbapun Alg1 VS Alg2 f(n) 于 vs g Kog do-91 Hapaciba no-Jabro? LHTEPECYBUME ce npu n-) 00! При малки стойности но п nobeyeto anzoputmu me ce choabon Oh fim <u>f</u> cons+ sig [F19]

n > 00 9

1 518 [F]

HRO UMAME Orpathuyethe Ha Broga. NPUMET: COPTUPOHE HO MACUBU C HAU-MHORD 250 ENEMBRITOR h 5 250 Alg 1 300. N MPU 300n { n2 + (h) + (n2) 300 h

AHOALIZ HO LITE POTUBHU allopurau

4Pez CYMUPaHe

$$\frac{1}{1} \frac{1}{1} \frac{1$$

Hn - XMPMOHU4HO 4 uca0

$$\frac{1}{\sum_{i=1}^{n} 1} = \left(\frac{1}{\log (n)} \right)$$

$$\frac{1}{1+2}$$

$$1 + 1 + 1 + 1 - - + 1$$
 $j=1 \quad j=2 \quad j=4 \quad j=3 \quad \cdots$
 $10y(n)$

HAR-godzp Chyuar - Jezchuczen

Среуен спучай - най - ценен

HAR-NULL CRYARI - CMATA CE NO-JECHO OT Cregthus Cryaria

- -> He zabuch of zonemunara Ha Bxoga
- задачи: Анализирайте дадените

$$\frac{n}{n} \sum_{i=1}^{n} \frac{1}{j=1} + \sum_{k=0}^{n} 1 = \frac{1}{n} = \frac{1}{n} + \frac{1}{n} = \frac{1}{n} = \frac{1}{n} + \frac{1}{n} = \frac{1}{n$$

$$i = 1$$

$$i = 2$$

$$i = 2$$

$$i = 3$$

$$i = 3$$

$$i = 3$$

$$i = 4$$

$$i = 4$$

$$i = 4$$

$$\frac{3}{1+2+4+8} = \frac{1}{8} + \frac{1}{4} + \frac{1}{2} + h$$

$$= \frac{1}{1+2} + \frac{1}{1+2} + h$$

$$= \frac{1}{1+2} +$$

Agg (h)

$$\sum_{i=1}^{n} \sum_{j=1}^{n} 1 = \sum_{i=1}^{n} \sum_{j=1}^{n} 1 = \sum_{i=1}^{n} 1 = \sum_{j=1}^{n} 1 = \sum_{j$$

ΣΙΣ21 + 2^η + Const 6(n4) pa 8070 U11 (64 SUTC) -) 20PHA ZPAHUYO _> MOHEM ON MPHEMEM 301 KONCTANTA 3a tasky (n) hzburba norh F, 5, 5 h h7+1

No breme на изпълнението на Easky
променнивата res e 0 или 1

Premare & B Pankate Ha
Lask4 3a -0(1)

$$\sum_{i=n}^{\infty} \frac{1+1+1\cdots+1}{\log(n)}$$

$$\sum_{i=n}^{\infty} \frac{1+1+1}{\log(n)}$$

AHAMUZ. HON HISKOW ARZOPUTMU

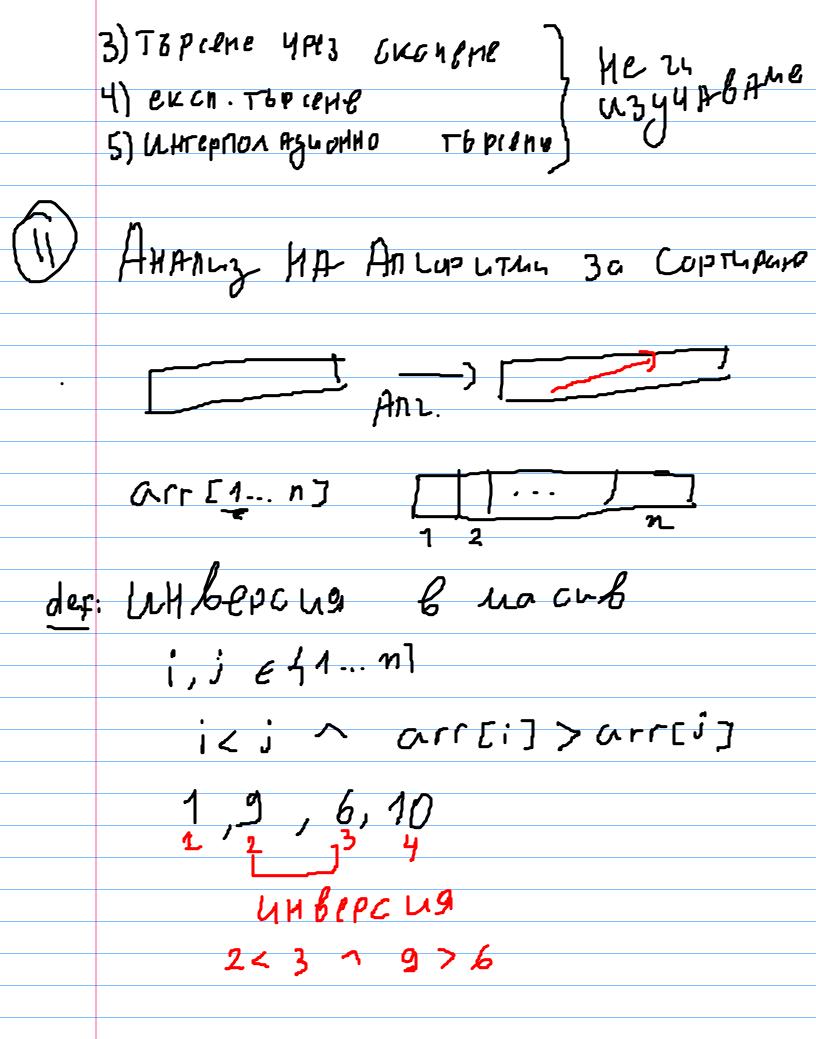


Anzoputum 30 TBPCEHE

17 MUHETHO TOPCEHE HAU-gurap (1) Cregen (1th) HAG-NOW (Cn) TOPELY BITEMENTET X. Приемаме, це го има точно ведном. -) Køge Mome ga e x? Bepuginocita enembra poblición de più K-ta poblición CTZMKL bep. Bepusite out yaeka 3-Ta noz-yag

XBBPLAME HOL BOP-SPOG TOHKLE TO4KU: be pusithout: 1 5047 KBOHOTO CTUTHOCT HCA NONGHEHUTE TOUKY: 1 + 2 + 2 + 3 + 2 + 4 + 5 + 5 + 5 + 5 +6*4=3,5 Che HH LONKULE 73.5 1000 30 Pa 1000 Ha x 62p 1946 nonsymbale 3.5 TUHKL BPBUALCE HA MPECMATURE HU
CPEPHLA CAGUAT HA MUHERTURE TEPLEME 1+++2+++3++...nx=

MPUMED 30 OYAKBAHON CTUILHOUT



Machet e Copthpat, Kozato B Hezo Hama UHBepchu.



Konko hubepahh hua?

3 4Mbepeun

Konno HAG-MHOZU UHBEPCULI MOME Ga hma B Machb?



Benykh Hupegerh gboükh (i, j) ici

$$(n-1) + (n-2) + (n-3) - + 1 = \frac{n-1}{2} = \frac{n}{2}$$

l	apthpape no Meioga Ha MexpPHETO
	Bubble Sort.
	DOWLD JOHN.
r uÇ	Chai-acilla. Dua
polyt kocs	rai-gusto: (In)
lync /	Cpegen: G(n2)
	<u> </u>
	16 - 104 nin-1) = (12)
Chryny	
0~ 4 <i>y</i>	
VI PY	
	u ploci
CTA	() Drew : Maccobar e CopThpart
	, , , , , , , , , , , , , , , , , , ,
	1001P0 THD:
	=) (more N(n-1) Interpens
	- JUMONE NIN-N UNBEPCHA
	hph agree con
	The egho CIbrus
	MPen Axbone 70440 1 44 Bepag
	- \ 11
	- That - had chyyai () (n2)

AHAMAS & CPEGHO LIH BEPLUM LAGE: B MACL B?
CPE OFFICE CHISTIAL.
Konka CPEANO WH BEPEUR WHO
b MACI 6
Hera 5.0.0. COPTUPAME Macub
C 4465ATG 4177
4 <u>L</u>
Boznomunte Nachhe (2 M!
(90-1-0
CPEGNO KANKO UNBEPING
una b machba
Apolybonna gbuika ut hrgeuch
(1,1)
i < j
Kouba e BeposthocoTA (1))
go e & Unbepous

pepu. B Kuhru (i, i) e 4HB. Bepun1140ct всички Перц (= n!) (نرن) WH4 PCW b konto (i, j) E unbepches h nepagrajhute, & zew-u (i, j) He e UHBEPCU9! => Nepret Abunte, 6 Konto (i,i) e UHBepcus Co TOUHO MONDELHATO (12) => Bepostikalmon & npouzhone 4 Mach (i,i) goe UHLEPCHS 7/7!= 2

Konko cpegno Unbersun ma 8 n[n-1] · Hepegenn gbotha hygench ن از زرز) · 1303mommo ETh 30 WHBEFCHH Boura Ulbepoha una Spor of Bepch bepositho c+ 1 => (pegho umone <u>N(n-1)</u>.

Pegen = M. [n-1) Bepartion

Tegen

To hyber whi.

Metoga pa Mexypyeto Mpenoxbo

Ha egru Cignua egra unberova $2 \frac{1}{4} = \frac{1}{4}$

