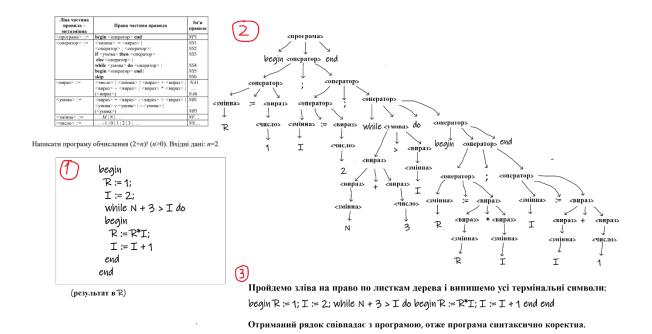
I Teopenwire mounting 1. Ochobru us resists uporparmy aprica Dani, ino, opyrituis, genpunis, Kounominge - nerriaga ochobrinx nomous E 3 mangamen upo noto guyno 16 nomestros - curmork current (gari, goynthen't (is muscome i') - comatimuranini (garii, illeria, geograpunii) - getwo Taunuruu 2. Ropilonemme uprypagnum upt Ta goop would new ledo Populationi mobil Europennin, occiobrin acrepinit resarato, esi mobu Torros Currateri to Ognornami, a Taxon apikadami. Togi su mpupogni mobi aparines por unprosomo co, 3 964mes icono pueros boren maros sarais andrew aneknis, a Takon he marono Torrux burrarens 6 Jaramomartenin,



(4)

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\begin{split} & sem\_P(begin\ R := 1; I := 2; while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end\ end) = \\ & = sem\_S(R := 1; I := 2; while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = sem\_S(R := 1) \bullet sem\_S(I := 2; while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = sem\_S(R := 1) \bullet sem\_S(I := 2) \bullet sem\_S(while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = AS^R(sem\_A(1)) \bullet AS^I(sem\_A(2)) \bullet sem\_S(while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet sem\_S(while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet sem\_S(while\ N + 3 > I\ do\ begin\ R := R*I; I := I + 1\ end) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(sem\_B(N + 3 > I), sem\_S(begin\ R := R*I; I := I + 1\ end)) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(sem\_B(N + 3 > I), sem\_S(R := R*I; I := I + 1)) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(S^2(gr, sem\_A(N + 3), sem\_A(I)), sem\_S(R := R*I; I := I + 1)) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(S^2(gr, sem\_A(N + 3), sem\_A(I)), sem\_S(R := R*I) \bullet sem\_S(I := I + 1)) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(S^2(gr, sem\_A(N + 3), I \Rightarrow), sem\_S(R := R*I) \bullet sem\_S(I := I + 1)) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(S^2(gr, sem\_A(N + 3), I \Rightarrow), AS^R(sem\_A(R*I)) \bullet AS^I(sem\_A(I + 1))) = \\ & = AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet wH(S^2(gr, sem\_A(N + 3), I \Rightarrow), AS^R(sem\_A(R*I)) \bullet AS^I(S^2(add, sem\_A(I), sem\_A(I)))) = \end{aligned}
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- = $AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet WH(S^2(gr, S^2(add, sem_A(N), sem_A(3)), I \Rightarrow), AS^R(S^2(mult, sem_A(R), sem_A(I))) \bullet AS^I(S^2(add, sem_A(I), sem_A(I))) =$
- $= AS^R(\overline{1}) \bullet AS^I(\overline{2}) \bullet WH(S^2(gr, S^2(add, N \Rightarrow, sem_A(3)), I \Rightarrow), AS^R(S^2(mult, R \Rightarrow, I \Rightarrow)) \bullet AS^I(S^2(add, I \Rightarrow, sem_A(1)))) =$
- $=\mathsf{AS^R}(\overline{1}) \bullet \mathsf{AS^I}(\overline{2}) \bullet \mathsf{WH}(\mathsf{S^2}(\mathsf{gr},\,\mathsf{S^2}(\mathsf{add},\,\mathsf{N}\Rightarrow,\,\overline{3}),\,\mathsf{I}\Rightarrow),\,\mathsf{AS^R}(\mathsf{S^2}(\mathsf{mult},\,\mathsf{R}\Rightarrow,\,\mathsf{I}\Rightarrow)) \bullet \mathsf{AS^I}(\mathsf{S^2}(\mathsf{add},\,\mathsf{I}\Rightarrow,\,\overline{1})))$

Mexan Exigni garii st = [N -> n] Akuro bukonatibea Kimepania (K70) many ompunació cinare ENHON, RHOK+DI, INSK+2] bara ingymyi: sto = [N-71, R-71, I-72] Brukony Enwar, 50 ASR (1) . ASI (2) (St) = ASI (2) (ASR (7) (St)= = AS (2)(SE VER > 7(SE)]) = = A5 12) (SE V [R -> 13) = = ASI (2) ([N+> n, R+> 1]) = = [N+>n, R+>1] V [1+>2] = = [N -> n, R -> 1, I -> 21 Kpox ingykuit nouny unus, we gues K 60000, golegeus quot K+1. 3 acmocybles mino welly go Stx =[N->N, R-(8+1)! I->K+2] 5+x+1 = A5R(52 (mult, R=> , I=>)) = A5T(52 (odd) I=>, 7))(stx) = As = (s2 (add, I=>, 7))(As2 (s2 (mut) (x+>)((<+x)) Stx = ASR (52 (mult, 23) (5+2) = = 9tx D [12 +> 92 (muH, R=>, I=>) (5tx)] = = 5+ 0 [R +> MM |+ (R => (5+x)), I => (5+x))]= = 5+ x D [R 1> mult((K+1)!, K+2)] = 3+ V C R -> (K+2)!] = K+2]

CHX+1 = AGT (42 (add) =>, 1)) (5+x1) = = 5+2 DII+ 32 (odd, I = , 7)(4+x')]= = 5,42 PII +> add(I=>(5+2), 7(5+x'))]= = S+E' P[]+> add (K+2, 1)]= = 91/2 P [] 1 > K+3] = - [N+> N, K+2)!, [+2]! = [N-n, P-> ((K+1)+1)!, I+>(K+1)+27 Kpok ingymii gobegens, Teppmeniner ingprint bukony 1600, omne morpoura racmusto kapakina Moraneus nobry Kopermuicos Tuesda burogy 3 unusuy", fb = 52 (gr, 52 (add N=>,3), [=) grays with zakineruban vicuo x sports TO flo (5+K) = false f6(5+x) = 52(gr, 52 (add, N=>, 3), [=>)(5+x)= = gr(52(add, N=7,3)(stx),]=>(5tx))= = gr(add(N=(9+x),3(5+x)), I=>(5+x))= = gr(add(n,3), K+2)=gr(n+3, K+2) gr (n+3, K+2) = false, TOSTO N+3 5 K+2 Ha Kpour K-1 worker buspry 6 abon a owne fo (5+x-1) = true Apravonimo os paxologano Ablot x-1) i oi pu-3 (5+x-1) = (5+x-1) = gr(N+3, X+1) gr (N+3, K+1) = true, TOOTO N+3 > K+1

Orne K= N+1, Togi ourisona S+x = [N -N, R +> (K+1)!, I +> K+2] TO 6 R man rapinirement writing Dyge zamica neo znovenim (n+2)! uso a mpero syno gobecru. 3 nobrusi Kopekmynoci uporpomu brunubae, uno que znivienus n = 2, uporpoinia Torkom dyge nopeking apaurobatu i 6 minimum l' dyge zamicano