```
Last login: Fri May 31 11:12:39 on ttys000
dad@Jayui-MacBookPro-i5 Solution % make
gcc -Wall -O -c client.c
gcc -Wall -O -c pthread_pool.c
gcc -o client client.o pthread_pool.o
dad@Jayui-MacBookPro-i5 Solution % ./client
```

--- 스레드풀 파라미터 한계 검증 ---
pthreaad_pool_init(): 일꾼 스레드 최대 수 초과.....PASSED
pthreaad_pool_init(): 대기열 최대 용량 초과.....PASSED
--- 스레드풀 최기화와 종료 검증 ---
pthread_pool_init(): 완료......PASSED
pthread_pool_shutdown(): 완료......PASSED
pthread_pool_init(): 완료......PASSED
pthread_pool_shutdown(): 완료......PASSED
--- 스레드풀 기본 동작 검증 ---
<10><11><1><2><3><4><5><6><7><9><12><20><13><25><26><27><28><29><30>
<31><32><8><14><15><0><17><18><19><21><22><23><16><33><24><36><44><3
4><37><38><50><51><39><40><41><42><43><45><46><48><49><52><35><53><4
7><54><56><55><57><58><60><61><59><62><63>[1][2][3][4][5][6][7][8]
[9][0][10][12][13][14][15][17][16][19][18][20][21][22][11][23][24]
[25][27][28][29][26][31][32][33][30][34][35][36][37][38][39][41][40]
[42][43][44][46][47][45][48][50][51][52][53][54][55][57][49]
[56]......PASSED
--- 스레드풀 종료 방식 검증 ---
소수 0개를 찾았다.
일꾼 스레드가 하나도 구동되지 않았다. 드물지만 이런 현상이 나타날 수 있다.
그러나 지속적으로 0이 나온다면 알고리즘을 수정할 필요가 있다.
스레드가 출력한 소수의 개수가 일치하는지 아래 값과 확인한다......PASSED
T0(2), T1(3), T2(1), T3(1), T4(5), T5(3), T6(1), T7(2)
[T0]1152921500311879687
[T1]1152921500311879789
[T3]1152921500311880077
[T7]1152921500311880449
[T5]1152921500311880203
[T2]1152921500311879979
[T6]1152921500311880357
[T4]1152921500311880111
[T0]1152921500311879759
[T1]1152921500311879841
[T7]1152921500311880461
[T5]1152921500311880237
[T10]1152921500311880707
[T11]1152921500311880797
[T8]1152921500311880531
[T4]1152921500311880113
[T1]1152921500311879853
[T13]1152921500311881029
[T12]1152921500311880977
[T5]1152921500311880251
[T15]1152921500311881227
[T11]1152921500311880839
[T8]1152921500311880573
[T4]1152921500311880119
[T13]1152921500311881049

[T15]1152921500311881253
[T11]1152921500311880867
[T4]1152921500311880171
[T13]1152921500311881071
[T15]1152921500311881269
[T4]1152921500311880177
소수 31개를 모두 찾았다.
스레드가 출력한 소수의 개수가 일치하는지 아래 값과 확인한다......PASSED
T0(2), T1(3), T2(1), T3(1), T4(5), T5(3), T6(1), T7(2)
T8(2), T9(0), T10(1), T11(3), T12(1), T13(3), T14(0), T15(3)
--- 무작위 검증 ---
{0}{1}{2}..{3}.{4}{5}{6}.{7}{8}{9}.{10}{11}.{12}{13}{14}..{15}{16}
{17}.{18}.{19}.{20}{21}..{22}{23}{24}{25}{26}...{27}.{28}{29}.{30}.
{31}{32}{33}{34}{35}.{36}.{37}{38}{39}{40}{41}{42}{43}{44}{45}.{46}
{47}{48}.{49}{50}{51}{52}{53}.{54}{55}{56}{57}{58}.{59}.{60}{61}.
{62}.{63}{64}.{65}..{66}{67}{68}{69}{70}{71}{72}{73}{74}{75}.{76}
{77}.{78}{79}.{80}{81}{82}{83}{84}.{85}{86}{87}.{88}{89}{90}{91}
{92}.{93}{94}{95}{96}{97}{98}{99}{100}{101}{102}{103}...{104}..{105}
{106}{107}.{108}.{109}.{110}{111}{112}{113}..{114}{115}.{116}{117}.
{118}.{119}{120}{121}{122}{123}{124}.{125}{126}{127}.{128}{129}{130}
{131}{132}{133}{134}{135}{136}{137}.{138}{139}.{140}.{141}.{142}
{143}{144}..{145}{146}.{147}{148}.{149}{150}{151}.{152}{153}{154}
{155}..{156}{157}{158}{159}{160}{161}{162}{163}{164}{165}{166}{167}
{168}.{169}..{170}{171}{172}.{173}{174}.{175}.{176}{177}{178}{179}
{180}{181}{182}{183}{184}{185}.{186}{187}{188}.{189}.{190}{191}.
{192}..{193}{194}{195}.{196}{197}{198}{199}{200}.{201}.{202}.{203}.
{204}.{205}.{206}.{207}.{208}{209}.{210}{211}{212}.{213}{214}{215}.
{216}.{217}.{218}{219}..{220}{221}{222}.{223}..{224}{225}.{226}
{227}.{228}.{229}{230}{231}{232}..{233}{234}{235}.{236}{237}{238}
{239}{240}{241}.{242}{243}{244}{245}.{246}{247}{248}{249}{250}{251}
{252}{253}..{254}.{255}.{256}{257}{258}{259}{260}{261}{262}{263}.
{264}{265}{266}{267}{268}{269}{270}{271}.{272}{273}.{274}{275}{276}
{277}{278}{279}{280}{281}.{282}{283}{284}{285}{286}.{287}{288}.
{289}...{290}{291}.{292}..{293}.{294}{295}{296}{297}.{298}{299}.
{300}{301}..{302}{303}.{304}{305}{306}{307}.{308}{309}.{310}{311}
{312}{313}{314}{315}.{316}{317}.{318}{319}.{320}.{321}.{322}{323}
{324}.{325}{326}{327}{328}.{329}{330}{331}.{332}.{333}.{334}{335}
{336}{337}{338}{339}{340}{341}{342}.{343}{344}..{345}{346}{347}{348}
{349}{350}.{351}{352}{353}{354}{355}.{356}.{357}..{358}{359}.{360}
{361}{362}.{363}{364}{365}.{366}.{367}{368}{369}{370}..{371}{372}
{373}.{374}{375}.{376}.{377}.{378}{379}{380}.{381}{382}{383}{384}...
{385}{386}{387}{388}{389}{390}{391}{392}{393}{394}{395}{396}{397}.
{398}..{399}{400}{401}{402}.{403}{404}{405}{406}{407}{408}{409}.
{410}.{411}..{412}{413}{414}{415}{416}.{417}{418}{419}.{420}{421}
{422}{423}.{424}..{425}{426}{427}..{428}.{429}{430}{431}.{432}.{433}
{434}{435}{436}{437}.{438}.{439}{440}{441}{442}{443}..{444}.{445}..
{446}{447}.{448}{449}{450}{451}{452}{453}.{454}.{455}.{456}{457}
{458}.{459}{460}.{461}.{462}{463}{464}{465}{466}.{467}.{468}{469}.
{470}{471}{472}.{473}{474}{475}{476}{477}{478}{479}{480}.{481}{482}
{483}.{484}{485}.{486}.{487}{488}{489}{490}{491}{492}{493}{494}{495}
{496}{497}.{498}{499}.{500}{501}{502}{503}.{504}{505}.{506}.{507}.
{508}{509}.{510}.{511}{512}{513}..{514}{515}{516}{517}{518}.{519}
{520}..{521}{522}.{523}.{524}{525}{526}{527}{528}.{529}.{530}.{531}
{532}.{533}{534}.{535}.{536}.{537}.{538}{539}{540}{541}{542}.{543}

{544}{545}{546}{547}{548}{549}{550}.{551}{552}{553}.{554}.{555}{556}
{557}{558}{559}{560}{561}{562}{563}..{564}..{565}.{566}{567}{568}
{569}..{570}{571}{572}{573}{574}.{575}.{576}.{577}..{578}{579}{580}
{581}.{582}{583}{584}{585}.{586}{587}{588}{589}{590}{591}{592}{593}.
{594}{595}.{596}{597}{598}{599}.{600}{601}{602}..{603}{604}{605}
{606}{607}{608}{609}{610}{611}{612}{613}{614}.{615}{616}{617}.
{618}..{619}{620}..{621}{622}{623}{624}.{625}{626}{627}{628}{629}
{630}{631}.{632}{633}{634}{635}{636}.{637}{638}{639}.{640}{641}.
{642}{643}..{644}..{645}{646}{647}.{648}{649}{650}{651}{652}.{653}
{654}..{655}{656}.{657}{658}.{659}{660}{661}{662}{663}{664}{665}
{666}{667}{668}{669}.{670}{671}.{672}.{673}{674}{675}{676}.{677}.
{678}{679}.{680}{681}.{682}..{683}{684}.{685}{686}{687}{688}{689}
{690}.{691}{692}.{693}{694}{695}..{696}{697}{698}.{699}.{700}{701}
{702}{703}.{704}{705}{706}{707}{708}{709}.{710}.{711}.{712}{713}
{714}{715}.{716}.{717}{718}{719}{720}{721}{722}{723}{724}.{725}.
{726}.{727}{728}{729}..{730}{731}.{732}{733}{734}{735}.{736}{737}.
{738}.{739}{740}{741}{742}{743}.{744}{745}.{746}{747}{748}{749}.
{750}{751}{752}.{753}..{754}{755}.{756}{757}{758}..{759}{760}{761}
{762}{763}{764}{765}{766}{767}{768}{769}.{770}{771}.{772}{773}{774}
{775}{776}.{777}{778}{779}{780}{781}{782}{783}{784}{785}{786}{787}
{788}{789}.{790}.{791}{792}{793}{794}{795}{796}{797}.{798}{799}..
{800}{801}{802}{803}{804}{805}{806}{807}{808}{809}.{810}{811}.{812}.
{813}{814}{815}{816}{817}{818}{819}.{820}{821}{822}{823}{824}{825}.
{826}{827}.{828}.{829}{830}.{831}.{832}{833}{834}.{835}{836}..{837}
{838}.{839}{840}{841}{842}{843}{844}{845}{846}{847}{848}{849}{850}..
{851}{852}{853}{854}.{855}{856}.{857}.{858}{859}{860}{861}.{862}.
{863}.{864}{865}{866}..{867}.{868}{869}{870}{871}.{872}.{873}.{874}
{875}{876}{877}{878}{879}.{880}.{881}.{882}{883}{884}{885}{886}
{887}..{888}{889}{890}.{891}{892}{893}{894}{895}.{896}...{897}{898}
{899}{900}{901}...{902}.{903}{904}{905}{906}{907}{908}{909}{910}.
{911}{912}.{913}.{914}{915}.{916}.{917}{918}{919}{920}{921}{922}
{923}{924}{925}{926}{927}..{928}{929}{930}.{931}{932}{933}{934}{935}
{936}.{937}{938}{939}{940}.{941}{942}{943}.{944}{945}{946}{947}{948}
{949}..{950}{951}{952}{953}{954}{955}.{956}{957}{958}{959}{960}.
{961}{962}{963}{964}{965}{966}{967}.{968}{969}{970}..{971}{972}{973}
{974}{975}.{976}.{977}.{978}{979}..{980}.{981}{982}{983}{984}..
{985}.{986}{987}.{988}{989}{990}{991}{992}{993}.{994}{995}{996}
{997}.{998}.{999}{1000}{1001}{1002}.{1003}..{1004}{1005}{1006}.
{1007}{1008}{1009}.{1010}{1011}{1012}{1013}.{1014}.{1015}{1016}
{1017}..{1018}{1019}.{1020}{1021}{1022}{1023}......PASSED
--- 교차 검증 ---
[0]..[1].................................[2]......[3].......[4].....[5]...
[6]......[7][8][9].[10][11].....[12]...........[13][14].[15]....
[16].[17]....[18].....[19].[20]...[21]..[22][23].......[24]..[25]..
[26]..[27][28][29][30].[31].[32]........[33]....[34][35][36]...
[37].........[38][39][40]...[41].[42]....[43][44].[45][46]
[47].........[48]...[49].....[50]..[51].........[52].....[53][54][55]
[56][57][58].........[59]......[60][61].[62].[63][64][65]......
[66]......[67].............[68].[69]..[70]....[71].........[72]......
[73][74][75][76].[77]...[78]..........[79]...[80]..[81][82]
[83].......[84][85]..[86]......[87]..[88]................[89]....
[90].[91]..[92].[93].[94]......[95].........[96]..[97].....[98]
[99]..[100].........[101]......[102].[103]..[104].[105]..
[106]...........[107]...[108][109]...[110]....[111].[112].........

[113].........[114].[115]..[116].[117]..[118]...[119]...........
[120][121].[122]....[123]..........[124]........[125]..[126][127]
[128]..[129].[130].......[131].[132].....[133][134].[135]..[136].
[137]........[138].....[139][140].[141]..[142]....[143]......
[144]...[145][146]..[147]....[148].............[149][150][151].....
[152]......[153].........[154].....[155].[156]..[157].
[158]..........[159]..[160]..[161]...[162].[163][164].[165].......
[166].........[167].[168][169]..[170]..[171]...........[172]..
[173].[174][175][176]....[177][178].........[179].....[180]...[181]
[182]...[183][184]..[185]...[186]...[187][188][189].[190]..[191]....
[192]..........[193]..[194].[195].[196].[197]..[198]..[199].......
[200].[201][202][203]..[204].......[205]...........[206].......
[207][208]..[209][210][211]...[212]..[213][214][215]..[216][217]
[218]..[219][220].....[221][222]...[223]..............[224]........
[225].[226]...[227].....[228]...[229]....[230].....[231].[232].
[233]...[234]....[235]..[236]..[237][238]....[239][240]..[241][242].
[243]....[244]...........[245][246][247].[248]....[249].[250]..
[251]......[252].........[253]..[254][255]..[256]..[257].........
[258]....[259][260]...[261]....[262].........[263].[264]..[265]...
[266].[267]......[268]...[269]......[270][271].[272]..[273]..
[274]........[275]........[276]....[277][278].[279].[280]
[281].........[282]........[283].[284][285].[286]..[287]....[288]
[289]...[290]..[291]...[292][293].[294].[295].[296]...[297]...[298]
[299]......[300].........[301]..[302]....[303][304][305].......
[306]..[307]...[308]...........[309].[310][311]..[312]........[313].
[314][315].[316].......[317].[318]...[319].[320]..[321].......
[322]......[323][324].....[325]..[326]..[327].....[328].......[329]
[330][331].[332]..[333]...[334].[335].[336]..[337]...[338].......
[339].....[340][341]..[342][343]..[344].........[345]....[346]
[347]...[348]....[349].............[350][351].[352]..[353]
[354].............[355].....[356][357].[358].[359].[360].......
[361]......[362].[363].[364].[365].....[366].....[367]........[368]
[369].....[370][371][372]......[373]...[374][375].[376]..[377]..
[378]..[379].[380].[381].......[382][383]...[384].[385].[386]......
[387].......[388].[389].[390]....[391]..[392]..[393]....[394]
[395]...[396]....[397].[398]....[399].......[400][401].[402]...[403]
[404].........[405].....[406][407][408]....[409]...[410][411]......
[412].....[413][414]...[415]...[416][417]..[418].......[419]......
[420]........[421].[422]..[423]...[424]..[425]...............
[426]....[427].[428].[429]..[430][431]........[432]......[433].
[434].[435].....[436].[437].........[438].....[439]...[440].[441].
[442]...[443][444].......[445]......[446][447].[448]..[449].
[450]......[451][452]...[453]...[454].[455].......[456]......[457]
[458]..[459]..[460]....[461]..[462]....[463][464].......
[465].......[466][467]..[468][469]..[470]...[471]...........
[472]...........[473][474][475][476]....................[477]
[478].[479].[480].[481].............[482].......[483][484].[485]..
[486].[487]......[488]......[489].[490].[491][492]...[493]......
[494]..........[495][496]..[497][498]...[499].......[500].......
[501]....[502].[503]...[504]...[505].......[506].[507]..[508]...
[509][510]........[511]......[512][513].[514][515]..[516]...[517].
[518].[519].[520].[521].....[522]....[523]........[524][525].....
[526]..[527].......[528].[529]..[530]..[531]..[532].[533].......
[534][535].[536][537]...[538]..[539]......[540].......[541]....

[542].[543].......[544]..[545]..[546]...[547]...[548]...[549]..
[550]......[551].........[552].....[553].[554][555][556][557]...
[558][559].......[560].......[561]..[562][563].[564][565]...
[566].........[567]......[568][569].[570]...[571]..[572].........
[573]........[574][575][576][577]...........[578][579]..[580]....
[581].[582].......[583][584]...[585][586]..[587].......
[588].............[589][590].[591]....[592]..[593].......
[594]......[595][596][597].[598].[599].......[600][601]....[602].
[603][604]......[605]....[606][607][608]..[609]..[610]....
[611].........[612]...[613][614]..[615].[616]..[617].......
[618].......[619].[620].[621]...[622]..[623]......[624]......[625].
[626][627].[628].[629].....[630]......[631][632]..[633].[634]....
[635]......[636].....[637][638].[639].[640][641]...........[642]....
[643][644]...[645].[646].[647]........[648][649].......[650].
[651]....[652].........[653][654]..[655].[656]....[657]......
[658].......[659].......[660].[661][662][663].[664]..........
[665].............[666].[667][668].[669][670].......[671]......
[672][673]..[674].[675]..[676].......[677]....[678][679].[680]...
[681]..[682]....[683].........[684].[685].[686].[687][688].....
[689].......[690][691]...[692]...[693]...[694].....[695].......
[696].[697]..[698].[699].[700].[701]..[702][703].........
[704].........[705][706]..[707]..[708][709][710].[711].[712].
[713]....[714]..[715]...[716]..[717][718].......[719]......[720]
[721].[722][723].[724].....[725][726]..[727]..[728][729][730][731]
[732]...[733][734]..[735][736].[737].......[738]...........
[739].............[740][741]......[742]..[743].[744]........[745].
[746]...[747]............[748].[749][750].[751][752].
[753]...........[754]........[755][756]...[757].[758][759].
[760]....[761]........[762]......[763][764]..[765].[766]..[767]....
[768].....[769][770].............[771][772].[773].[774].[775].....
[776]..........[777]...[778][779].....[780][781].[782].........
[783].......[784][785].[786].[787][788]........[789].........[790]..
[791]....[792].[793]...[794]......[795].........[796][797]....
[798].[799].[800].....[801]..[802]..[803]............[804].[805]....
[806][807]..[808]........[809].......[810].[811].[812]....[813]
[814].......[815]......[816][817]..[818].[819].[820].....[821]....
[822].[823].[824].[825].[826][827]...........[828]......[829]......
[830]..[831]..[832]......[833].[834].........[835]........[836]
[837].[838]..[839].[840]....[841]..........[842].[843].[844].[845]..
[846].....[847].......[848].[849].[850]....[851][852]......
[853].....[854][855]..[856]...[857][858].......[859].....[860][861]
[862][863][864]......[865][866]....[867][868][869].......
[870]........[871].[872][873]..[874]..[875]..........[876]....[877]
[878]..[879].....[880]...[881].....[882].[883][884][885]..[886]
[887]..[888].....[889]........[890].[891]..[892].[893].[894]
[895].........[896].........[897].[898]..[899].[900].[901]....
[902]..[903]..[904]...[905]....[906][907].[908]...[909]......
[910]......[911][912][913].[914].[915]....[916]............[917]....
[918][919]....[920]...[921].[922].....[923]..[924]..[925]
[926].........[927].............[928][929][930].[931].[932].......
[933]........[934].[935]..[936][937].[938]...........[939]......
[940]..[941][942].[943]...[944].......[945]...[946][947]..[948]....
[949].[950]....[951]...[952][953]...[954]......[955].....[956][957]
[958].[959]..[960]......[961].......[962][963].[964]..[965].........

```
[966][967].[968]...[969][970].........[971].........[972].[973]
[974]....[975].[976].......[977]...[978].[979]...[980]....[981].....
[982][983]..[984][985].[986]..............[987].....[988]...[989]..
[990]...[991].[992]...[993].....[994].[995].[996].[997]..[998]...
[999].....[1000][1001][1002]..[1003]...[1004].........
[1005]........[1006][1007]....[1008][1009]...[1010]........[1011]...
[1012].[1013]...[1014].....[1015].......[1016].[1017][1018][1019]...
[1020].[1021][1022].[1023]......PASSED
총 실행시간: 142.0268초
dad@Jayui-MacBookPro-i5 Solution % clear

dad@Jayui-MacBookPro-i5 Solution % ./client
--- 스레드풀 파라미터 한계 검증 ---
pthreaad_pool_init(): 일꾼 스레드 최대 수 초과.....PASSED
pthreaad_pool_init(): 대기열 최대 용량 초과.....PASSED
--- 스레드풀 최기화와 종료 검증 ---
pthread_pool_init(): 완료......PASSED
pthread_pool_shutdown(): 완료......PASSED
pthread_pool_init(): 완료......PASSED
pthread_pool_shutdown(): 완료......PASSED
--- 스레드풀 기본 동작 검증 ---
<11><2><3><4><5><6><7><8><9><10><12><13><14><1><0><15><16><17><18><3
0><31><33><34><35><20><22><23><24><25><26><21><28><29><32><27><19><3
6><47><48><49><50><51><52><53><54><55><56><57><58><59><37><38><40><4
2><41><43><44><45><46><60><39><61><62><63>[0][1][2][3][4][5][6][7]
[8][10][9][11][12][13][15][14][17][16][18][20][21][22][23][24][25]
[19][27][28][29][26][30][31][32][34][35][36][38][33][37][39][42][41]
[43][44][45][46][47][48][49][50][51][52][53][40]......PASSED
--- 스레드풀 종료 방식 검증 ---
[T0]1152921500311879687
[T0]1152921500311879759
소수 2개를 찾았다.
일부 일꾼 스레드가 구동되기 전에 풀이 종료되었다. 오류는 아니다.
스레드가 출력한 소수의 개수가 일치하는지 아래 값과 확인한다......PASSED
T0(2), T1(3), T2(1), T3(1), T4(5), T5(3), T6(1), T7(2)
[T0]1152921500311879687
[T3]1152921500311880077
[T1]1152921500311879789
[T7]1152921500311880449
[T5]1152921500311880203
[T2]1152921500311879979
[T6]1152921500311880357
[T4]1152921500311880111
[T0]1152921500311879759
[T1]1152921500311879841
[T7]1152921500311880461
[T5]1152921500311880237
[T10]1152921500311880707
[T11]1152921500311880797
[T8]1152921500311880531
[T4]1152921500311880113
[T1]1152921500311879853
[T13]1152921500311881029
[T12]1152921500311880977
```

[T5]1152921500311880251
[T15]1152921500311881227
[T11]1152921500311880839
[T8]1152921500311880573
[T4]1152921500311880119
[T13]1152921500311881049
[T15]1152921500311881253
[T11]1152921500311880867
[T4]1152921500311880171
[T13]1152921500311881071
[T15]1152921500311881269
[T4]1152921500311880177
소수 31개를 모두 찾았다.
스레드가 출력한 소수의 개수가 일치하는지 아래 값과 확인한다......PASSED
T0(2), T1(3), T2(1), T3(1), T4(5), T5(3), T6(1), T7(2)
T8(2), T9(0), T10(1), T11(3), T12(1), T13(3), T14(0), T15(3)
--- 무작위 검증 ---
{0}{1}{2}.{3}{4}{5}.{6}{7}{8}.{9}{10}.{11}{12}{13}{14}{15}{16}{17}..
{18}{19}..{20}{21}{22}{23}{24}{25}{26}.{27}..{28}.{29}.{30}{31}{32}.
{33}{34}.{35}{36}{37}{38}.{39}.{40}{41}.{42}.{43}{44}.{45}{46}{47}.
{48}.{49}{50}.{51}{52}.{53}{54}{55}{56}{57}{58}{59}.{60}{61}{62}
{63}.{64}{65}{66}{67}{68}{69}{70}{71}{72}.{73}.{74}{75}{76}.{77}.
{78}.{79}...{80}..{81}{82}{83}.{84}.{85}.{86}{87}{88}{89}{90}...
{91}.{92}{93}{94}{95}{96}{97}..{98}{99}{100}{101}.{102}.{103}
{104}...{105}.{106}{107}{108}{109}..{110}{111}.{112}{113}{114}{115}
{116}{117}{118}{119}.{120}{121}{122}.{123}{124}{125}{126}.{127}.
{128}.{129}{130}{131}{132}{133}{134}{135}.{136}{137}{138}{139}{140}
{141}.{142}{143}.{144}{145}{146}{147}{148}{149}{150}{151}{152}{153}
{154}...{155}{156}{157}{158}.{159}.{160}.{161}{162}{163}{164}.{165}.
{166}{167}{168}{169}{170}{171}.{172}{173}{174}{175}{176}{177}{178}
{179}{180}.{181}{182}{183}{184}{185}{186}{187}{188}{189}{190}{191}
{192}{193}.{194}{195}.{196}{197}{198}{199}{200}{201}{202}{203}
{204}..{205}.{206}{207}{208}{209}.{210}{211}{212}{213}{214}.{215}.
{216}{217}{218}{219}.{220}{221}{222}.{223}{224}.{225}{226}{227}{228}
{229}.{230}{231}{232}.{233}{234}{235}.{236}{237}{238}{239}{240}
{241}..{242}{243}{244}{245}{246}{247}.{248}{249}{250}.{251}.{252}.
{253}{254}.{255}{256}.{257}.{258}{259}{260}{261}.{262}{263}{264}
{265}{266}{267}.{268}{269}{270}.{271}.{272}.{273}{274}.{275}{276}
{277}.{278}{279}.{280}..{281}.{282}.{283}{284}.{285}{286}{287}.{288}
{289}{290}{291}{292}{293}{294}.{295}.{296}.{297}.{298}{299}{300}..
{301}..{302}{303}{304}.{305}{306}{307}.{308}{309}{310}{311}{312}
{313}.{314}{315}{316}{317}{318}{319}{320}.{321}{322}{323}.{324}{325}
{326}{327}.{328}{329}{330}.{331}.{332}{333}.{334}{335}{336}{337}
{338}{339}{340}{341}{342}{343}{344}.{345}{346}{347}{348}{349}.{350}
{351}{352}.{353}{354}{355}{356}{357}.{358}..{359}.{360}{361}{362}
{363}{364}{365}{366}{367}.{368}{369}{370}.{371}{372}{373}{374}{375}
{376}.{377}.{378}{379}..{380}.{381}{382}.{383}.{384}.{385}{386}.
{387}{388}{389}{390}{391}.{392}{393}{394}{395}.{396}.{397}{398}
{399}.{400}.{401}{402}{403}{404}{405}.{406}...{407}{408}{409}{410}
{411}{412}.{413}.{414}{415}..{416}..{417}{418}{419}.{420}{421}{422}
{423}.{424}{425}{426}{427}{428}{429}.{430}.{431}{432}{433}.{434}
{435}..{436}{437}.{438}{439}{440}{441}.{442}{443}{444}.{445}.{446}
{447}{448}{449}{450}.{451}.{452}{453}{454}.{455}{456}.{457}{458}
{459}{460}{461}{462}{463}{464}{465}{466}.{467}.{468}.{469}..{470}

{471}{472}{473}{474}.{475}{476}..{477}.{478}{479}{480}{481}.{482}
{483}{484}.{485}{486}...{487}.{488}.{489}{490}{491}.{492}{493}{494}
{495}{496}{497}{498}{499}.{500}.{501}{502}{503}{504}{505}.{506}{507}
{508}{509}{510}{511}.{512}{513}{514}{515}{516}.{517}{518}{519}.{520}
{521}{522}.{523}{524}{525}{526}.{527}{528}{529}{530}{531}{532}{533}
{534}.{535}{536}..{537}.{538}{539}{540}{541}.{542}{543}.{544}.{545}
{546}{547}..{548}.{549}{550}.{551}{552}{553}{554}{555}{556}{557}
{558}..{559}{560}{561}{562}{563}{564}{565}{566}{567}.{568}.{569}
{570}.{571}.{572}{573}{574}{575}{576}{577}{578}..{579}.{580}{581}
{582}{583}{584}{585}{586}{587}{588}{589}{590}{591}..{592}{593}{594}.
{595}..{596}{597}{598}.{599}{600}.{601}{602}{603}{604}{605}{606}.
{607}{608}{609}{610}{611}{612}{613}{614}..{615}{616}.{617}.{618}.
{619}.{620}.{621}{622}{623}{624}.{625}{626}.{627}{628}{629}{630}..
{631}{632}{633}{634}{635}.{636}{637}{638}{639}.{640}.{641}{642}.
{643}{644}{645}{646}{647}{648}{649}{650}{651}{652}{653}.{654}{655}.
{656}.{657}{658}.{659}.{660}..{661}.{662}{663}{664}{665}{666}{667}
{668}..{669}{670}.{671}.{672}{673}.{674}{675}.{676}.{677}{678}{679}.
{680}{681}{682}{683}{684}{685}.{686}{687}..{688}{689}..{690}{691}
{692}{693}{694}{695}{696}{697}{698}{699}.{700}{701}{702}{703}{704}
{705}{706}.{707}{708}.{709}{710}..{711}{712}{713}{714}{715}{716}.
{717}.{718}.{719}{720}.{721}.{722}{723}{724}.{725}.{726}.{727}.{728}
{729}{730}{731}{732}.{733}.{734}.{735}{736}{737}{738}{739}.{740}
{741}{742}{743}{744}{745}.{746}..{747}{748}.{749}{750}..{751}.{752}.
{753}{754}{755}.{756}{757}{758}.{759}{760}{761}.{762}{763}{764}{765}
{766}{767}{768}{769}{770}{771}.{772}{773}{774}{775}{776}{777}{778}
{779}.{780}{781}.{782}{783}.{784}{785}{786}.{787}{788}.{789}{790}
{791}{792}{793}.{794}{795}{796}{797}{798}{799}{800}{801}{802}.{803}.
{804}{805}.{806}.{807}{808}{809}{810}{811}{812}{813}.{814}{815}
{816}...{817}{818}.{819}.{820}{821}{822}{823}.{824}.{825}.{826}{827}
{828}{829}{830}{831}.{832}{833}{834}{835}{836}{837}{838}{839}{840}
{841}{842}{843}{844}.{845}{846}{847}{848}.{849}...{850}{851}.{852}
{853}{854}.{855}.{856}{857}{858}{859}.{860}..{861}{862}.{863}{864}.
{865}{866}{867}.{868}{869}{870}{871}{872}{873}{874}..{875}{876}
{877}..{878}.{879}{880}..{881}{882}{883}.{884}.{885}{886}{887}{888}
{889}{890}{891}.{892}{893}..{894}{895}{896}..{897}.{898}{899}{900}
{901}{902}{903}{904}{905}{906}{907}.{908}.{909}.{910}{911}{912}{913}
{914}.{915}{916}..{917}..{918}{919}{920}.{921}{922}{923}{924}.{925}
{926}{927}.{928}{929}..{930}{931}..{932}.{933}{934}{935}{936}{937}
{938}{939}{940}..{941}{942}{943}.{944}.{945}{946}{947}{948}{949}
{950}{951}{952}{953}...{954}{955}{956}{957}{958}{959}.{960}{961}
{962}{963}{964}{965}{966}{967}{968}{969}.{970}{971}.{972}.{973}
{974}.{975}{976}{977}{978}{979}.{980}{981}..{982}.{983}.{984}{985}
{986}.{987}{988}{989}{990}{991}{992}{993}{994}.{995}{996}{997}{998}
{999}{1000}{1001}{1002}{1003}{1004}{1005}{1006}{1007}{1008}.{1009}.
{1010}...{1011}{1012}{1013}{1014}..{1015}{1016}{1017}{1018}{1019}.
{1020}{1021}.{1022}.{1023}......PASSED
--- 교차 검증 ---
...................[0]..............[1]....[2].......[3]........
[4]......[5].....[6]....[7][8][9].[10].[11]...........[12]........
[13][14]....[15].[16].[17].......[18]....[19][20]...[21]..[22]..
[23]............[24]...[25][26]...[27]...[28]......[29]..[30].[31]..
[32][33]....[34]...[35]..[36][37].....[38]....[39]......[40]...[41]
[42][43][44].[45]...[46]..............[47].....[48].....[49].[50]...
[51]......[52]..[53]........[54].......[55][56][57]..[58]

[59]...........[60]......[61][62]....[63].[64].[65].........
[66]..........[67][68][69]..[70][71]..[72]........[73].....[74].
[75].[76]..[77][78]....[79].....[80][81].[82]...[83]..[84][85]....
[86][87]....[88].[89][90].[91]......[92].........[93][94]...[95][96]
[97]......[98].....[99][100][101][102][103]..........[104].......
[105][106].[107]..[108]...[109]....[110]........[111][112].[113]
[114]....[115]....[116].........[117].[118].[119].[120].
[121]...........[122].......[123][124]...[125].[126]...[127].
[128]......[129][130]...[131]....[132]...[133]....[134]..[135]..
[136][137].....[138].......[139][140].[141][142][143].[144].
[145]..........[146].......[147].........[148].[149].[150][151]
[152]..[153]...........[154][155]....[156][157]....[158]..........
[159].....[160][161]..[162]..[163]..[164]............[165]...
[166].....[167][168][169]..[170].[171]..........[172].[173]..
[174]....[175]...[176]......[177]......[178][179].[180].[181].
[182].......[183]..........[184][185].[186]..[187].[188].........
[189]........[190][191]....[192][193]...[194]....[195]......[196]
[197].[198][199][200]...[201]..[202]..[203].[204]........
[205].......[206].......[207][208].[209]..[210].[211]..........
[212].......[213].......[214]..[215][216].....[217][218]..[219].
[220][221]................[222]......[223][224][225].[226]...
[227].......[228]....[229][230]..[231].....[232]
[233].................[234].....[235][236]..[237]..[238].
[239]......[240].[241][242].[243]..[244].[245].....[246].........
[247][248][249]..[250]....[251].......[252][253]...[254]........
[255]..[256][257].....[258]......[259][260][261].....[262][263]
[264]......[265]......[266]........[267][268].[269]...[270]..
[271].....[272].....[273][274]..[275][276]....[277].........
[278]......[279].[280].[281]..[282][283]...[284].......[285][286]..
[287].[288]..[289].....[290]...........[291].[292]......[293]..
[294].[295][296].[297]....[298].....[299].....[300][301].[302].
[303]..[304]...........[305]......[306][307][308].[309]
[310]..........[311].[312]....[313]...[314]...[315].[316].[317]
[318].....[319][320]...[321]..[322].[323]..[324].[325][326].
[327].........[328].......[329]......[330].[331]..[332]...[333].
[334]...........[335]..[336].[337].[338]..[339]...[340]...[341].
[342]..........[343]....[344][345].[346].[347][348]......[349]..
[350][351].[352]......[353]....[354]..[355][356]......[357]...[358].
[359].[360]......[361].[362]..[363]........[364][365]..[366].....
[367]...[368][369]..........[370].[371]...[372].[373].........[374]
[375]...[376][377]......[378]......[379].[380]..[381].
[382]............[383]......[384][385].[386]...[387]..[388].........
[389].....[390][391][392]..[393]..[394]..[395].....[396][397].[398].
[399]..[400].....[401][402]..[403]...[404][405].........[406]......
[407]..[408].[409][410].[411].........[412].........[413].[414]..
[415]..[416]..........[417][418]..[419][420].[421]......[422].....
[423].[424]..[425].[426].[427][428]........[429][430].[431]..[432].
[433].........[434]......[435].........[436][437].[438]..[439]..
[440]......[441].........[442][443][444].[445]..[446].......[447]
[448][449].[450]...[451]..[452]......[453]..[454][455]........
[456].............[457].[458].[459]...[460][461].....[462].[463]...
[464].[465]...[466]........[467]....[468].[469]..[470].[471][472]....
[473].....[474][475]..[476].[477].[478]........[479].......[480]
[481]..[482].[483]..[484]..........[485].......[486][487].[488].....

[489]...[490].....[491]..........[492].[493][494][495]....
[496].......[497]..........[498][499].[500]..[501].[502].......
[503].......[504][505][506].[507].[508]........[509]..[510][511].
[512]........[513].....[514][515].[516][517]..[518]......
[519].......[520][521]..[522]...[523]..[524]..........[525].......
[526][527].[528]....[529]..[530]....[531].........[532][533]..[534]
[535]...[536].....[537].............[538].[539][540][541]..
[542]......[543].......[544][545]...[546]....[547].[548]....
[549]........[550][551]..[552][553].[554]......[555].....[556][557].
[558]..[559]..[560]..[561]...[562][563][564].[565]...[566].........
[567]......[568][569]...[570]..[571]...[572]....[573].....[574]..
[575]..[576].....[577]....[578].[579].[580]...[581][582]....[583]...
[584][585]..[586]..[587].[588]......[589]......[590][591]......
[592]..[593][594]....[595].......[596].[597].[598].[599][600]......
[601][602].[603][604].........[605].........[606][607]..[608].[609]
[610]......[611].[612].....[613]....[614].........[615].........
[616][617][618]..[619]....[620]......[621]...........[622].[623]...
[624]..[625]..[626].[627].......[628][629].[630]..[631]..
[632].........[633].....[634]....[635].[636]...[637]...[638]..
[639]......[640].[641][642]..[643]..[644]..[645]...[646]........
[647][648]..[649]..[650]..[651].............[652].........[653]
[654]..[655].[656].[657]....[658]....[659][660].[661]..[662].
[663].........[664].......[665][666]....[667][668].[669]...
[670].......[671].[672]..[673]...[674]....[675]...........
[676]......[677][678].[679].[680]...[681]....[682]..........[683]
[684]....[685][686][687]..[688].[689]..[690].[691].........
[692].....[693]..[694].[695]..[696].[697].....[698]..[699].[700].
[701].[702]...[703]....[704]....[705].[706].[707]....[708].[709]..
[710]....[711].......[712].........[713][714][715]...[716]....
[717].....[718]......[719].[720].[721]..[722].[723]....[724][725].
[726]..[727]..[728].[729][730].[731].....[732]..[733].[734]..
[735].........[736]...[737]..[738]..[739]...[740][741]....[742].....
[743]......[744][745]...[746]..[747].[748].[749]..........[750]
[751]...[752][753][754].....[755].......[756][757].[758].[759].....
[760].....[761]........[762].[763][764]...[765].[766].[767].......
[768].....[769]...........[770][771][772].[773][774]........
[775]...........[776].[777]...[778].[779].............[780][781]..
[782].[783].[784].......[785]....[786].[787].[788][789]..[790].....
[791].....[792].[793][794].[795]..[796]..[797]...[798]..[799].....
[800].............[801].......[802].[803]...[804][805]...[806]...
[807]........[808].[809].......[810]..[811]...[812]..[813].[814]...
[815]..[816].[817]....[818]....[819]..[820][821].[822]..
[823].........[824].........[825].[826]...[827]...[828].[829]....
[830][831][832].....[833]....[834]......[835].....[836]...[837]
[838]..[839]..[840].[841].........[842]..[843]..[844].........
[845]..[846].[847]....[848]...[849].....[850].......[851][852]..
[853]..[854]...[855].........[856].......[857].[858]...[859]..[860].
[861]........[862]....[863][864][865]..[866].[867]........
[868]......[869].[870]...[871].....[872]....[873]..............[874]
[875][876][877]...[878].[879]....[880]....[881]....[882][883][884]
[885].[886].......[887]..[888].[889]...[890][891]..[892].......
[893]...........[894].[895]..[896]..[897][898]........[899].......
[900].[901].[902].[903][904].....[905].[906]...[907]............
[908].[909]..[910]..[911].[912]..[913].[914]......[915].....

```
[916].........[917].[918]...[919]..[920]..[921].........[922].[923]
[924]...[925].[926].[927].....[928]......[929][930].[931]...[932]..
[933]......[934].....[935][936]..[937][938][939]......[940]....[941]
[942]....[943].[944][945].......[946][947]....[948].......[949].
[950]..[951][952]..[953]..[954]...........[955]............
[956].....[957][958]...[959]...[960].[961]........[962]........[963]
[964]...[965].[966]....[967]........[968]....[969].[970].....[971].
[972][973].......[974]...[975][976].....[977].[978]...
[979]..........[980]....[981].[982][983]..[984][985]...[986].....
[987][988]..[989].[990][991].......[992].[993].[994]...[995].....
[996].....[997][998][999][1000]....[1001].[1002].......[1003].
[1004]..[1005]..[1006].....[1007]..[1008].[1009][1010]......
[1011].........[1012][1013].[1014]..[1015]..[1016]........[1017]...
[1018][1019]..[1020][1021]...[1022]..........[1023]......PASSED
총 실행시간: 130.0793초
dad@Jayui-MacBookPro-i5 Solution %
```