[The Best Player](https://www.hackerearth.com/practice/algorithms/sorting/bubble-sort/practice-problems/algorithm/the-best-player-1/):

Input #1

39 37

tptttykduyvxjbzhqup 21656

xxvebmc 591

x 16908

dhcjxonzhsspmklyhl 24389

faryosskug 24338

iuffdlyerxlmhgpaf 4187

zhntv 16021

jzatjmnqxctnmny 22775

ydxpbyqgoaps 25532

wkydttoiwobbiaoshxu 26727

gwza 10748

znpdrcdns 28652

adchwmmkuvhorsn 3448

o 16494

lwfmkvzchjxgqkfp 15538

q 15876

e 5851

rhd 25469

tpwfxlmwfirlgbdevj 11028

drgqvqovpvwdmc 24066

tdcswxcfafyveyujgvb 12490

avqcmxzbfieloxrmqggq 13704

hrhpqtslcepwsiupqiq 32299

bjohklmbuufnkihrzm 17573

bdshsuzryxmtw 15906

iwlmq 7802

zoxfryqgfhu 12519

lqaljxuzfmgqrmlhxrp 2200

vbxhhscpdxngoixo 16393

gennpdlur 31292

vzogpepmecxzgxokdtg 27961

ctnaahhrglazopedc 7722

dgoyfxvoxialycuinvfl 29304

alltwxf 26834

scidvupnqucfhkdvujxp 7674

hvdxrpthamtd 6753

qgjeolqjqmhdrop 3162

a 27667

ogpiynmihgzxcdy 24327

Output#1

hrhpqtslcepwsiupqiq

gennpdlur

dgoyfxvoxialycuinvfl

znpdrcdns

vzogpepmecxzgxokdtg

a

alltwxf

wkydttoiwobbiaoshxu

ydxpbyqgoaps

rhd

dhcjxonzhsspmklyhl

faryosskug

ogpiynmihgzxcdy

drgqvqovpvwdmc

jzatjmnqxctnmny

tptttykduyvxjbzhqup

bjohklmbuufnkihrzm

x

o

vbxhhscpdxngoixo

zhntv

bdshsuzryxmtw

q

lwfmkvzchjxgqkfp

avqcmxzbfieloxrmqggq

zoxfryqgfhu

tdcswxcfafyveyujgvb

tpwfxlmwfirlgbdevj

gwza

iwlmq

ctnaahhrglazopedc

scidvupnqucfhkdvujxp

hvdxrpthamtd

e

iuffdlyerxlmhgpaf

adchwmmkuvhorsn

qgjeolqjqmhdrop

Input #2

22 16

omndflgwb 355

hh 10905

sbsunm 16713

rmrvnrmkf 14258

egpvzxpncfzkc 22214

gdctxzbdnlaxfuwocbp 17271

slft 25852

jctynaszdkxusr 27479

vvlmzzyfbuwjzqil 18238

hulwzhvgehvccramd 8091

zpfhbppjlmxiq 20437

tm 24761

ujjhe 28859

orwrbizaieefkfzcbj 11335

zoasvhblhtk 3449

abkk 28573

mekljudykzqgvkykaxyn 6245

rmbwzcady 458

eejnxdbeaym 25341

lkutrhanz 6682

rnfjnxkykxm 11654

wombibwieouyfmhikpo 12192

Output#2

ujjhe

abkk

jctynaszdkxusr

slft

eejnxdbeaym

tm

egpvzxpncfzkc

zpfhbppjlmxiq

vvlmzzyfbuwjzqil

gdctxzbdnlaxfuwocbp

sbsunm

rmrvnrmkf

wombibwieouyfmhikpo

rnfjnxkykxm

orwrbizaieefkfzcbj

hh

Input #3

28 24

hsemwufkohdzygtpfio 32257

dqgyqczrpwfexwj 102

uwfcygwu 10087

crhzoledtvqr 7372

pmrdxhq 7008

bhqzoldzyvehbiemahs 28539

xfiq 9922

bipqfwn 30045

elkyfnokygzyyauyv 18745

zzfjchg 21512

txyozekdtflcjtoeywum 22603

uyxnp 3079

izs 9907

djekycemavzcqgwcw 7396

cwjduahgb 30513

yfvyqs 24151

utercegtgtchbbghy 7387

ldmvucvnywqabbblau 20297

fdwuwoyzkbhfmfrmuqz 30823

qjhmepuhooxnhp 397

rgsabcgrxgqcgygly 22897

ldfcacytxobul 12217

vuhwuwxfich 4016

xstvdguhhajvegnwx 17425

siqluztgaj 31972

tat 20729

rk 27274

xepk 16531

Output#3

hsemwufkohdzygtpfio

siqluztgaj

fdwuwoyzkbhfmfrmuqz

cwjduahgb

bipqfwn

bhqzoldzyvehbiemahs

rk

yfvyqs

rgsabcgrxgqcgygly

txyozekdtflcjtoeywum

zzfjchg

tat

ldmvucvnywqabbblau

elkyfnokygzyyauyv

xstvdguhhajvegnwx

xepk

ldfcacytxobul

uwfcygwu

xfiq

izs

djekycemavzcqgwcw

utercegtgtchbbghy

crhzoledtvqr

pmrdxhq

Input #4

45 15

grnugtdzuqydi 11473

zmouz 19952

dvobpsvlbk 26144

dcalbsdssu 28263

jncncfzwrsskq 559

jfzgxcbnqhksp 21301

mqppkyoomhibfgcmbu 13028

bgvbfyyrjyrfu 10249

gmbgpeoz 1424

kppxmteuirhodwjsqdp 5484

odohvqgsvmjnk 6603

guxrjdczq 18176

ef 26623

bckwgdtfstnepq 23996

jlldczsieuk 7001

rploudwsijbtmbaeut 11430

k 7688

zoscfxig 17639

xyghicohitdnu 28640

ylpb 8075

qq 15709

eadnucictjadget 6710

kudndab 3283

w 22559

nxodpilvfybbjivkvtpj 7679

pzl 7181

qvhpgh 24162

jmtzphzmjsxaqligo 789

biqtnjpwwfygrn 8624

rnfhtpwxeondtxsxc 30565

nxakmquuucyhluuzaxp 21361

zksmcvfjroyismxbnd 19918

sqelreknc 29875

zfmlvzzemwoatmiwz 5840

jnu 26409

vjqwoybfd 8740

vgbjd 24349

fjneuyrdf 12114

idhtrwuf 31372

w 6019

uiu 29002

urisjuuujjagciqkjjt 31146

vccig 3163

bkyhhdpbvderlj 970

wv 4557

Output#4

idhtrwuf

urisjuuujjagciqkjjt

rnfhtpwxeondtxsxc

sqelreknc

uiu

xyghicohitdnu

dcalbsdssu

ef

jnu

dvobpsvlbk

vgbjd

qvhpgh

bckwgdtfstnepq

w

nxakmquuucyhluuzaxp

Input #5

50 47

cucbzyuumcpqlweakxj 2508

itkxxgmdckiqfkkv 15233

y 28911

uqesqpavc 22886

kbichsvikjf 15039

yhivbeetvubwkx 32695

expoyb 5517

o 26288

gyxkqxvjmunpgsb 12226

isvxq 26611

kmg 24246

wss 28987

zbvlzltprmhzcqxtyw 13082

qqywsmvocohrg 24401

zqxanmlxhkvhbntjxvjf 6901

peiwyuzyofuhai 7305

ldia 1576

yezlboswwzskayphhzex 32763

yqotepb 18670

kivfrkfqpxwbghdl 8828

bqndzqbjsm 4857

uwsfyst 14975

wdcsxmn 12912

typh 15637

iivaokywcsq 10872

xtfuvcncog 17802

mrjhwvsgnvbxpqb 30397

q 4872

wle 15510

jrbvmmdpawz 2283

fz 22964

bvelhyezzisdx 6162

ncrumskltae 2971

qnhch 22892

fsgmeoghjhf 28102

zeygt 26604

gfrllbfwgvalzc 25159

bfbouu 21716

tedeospofzuitmg 21838

fovyi 17020

xqfdhfm 22887

mabq 8887

olgnwahyrjvvf 15325

ymphqrfewmfqfyqlky 18988

aeeapywdrlhnb 20489

nhhuvbznazwvew 8382

lcqujqzndjkihoouxak 13235

ccbzigkh 21574

fkertmjbk 20052

tthbudnpfwifoifry 18113

Output#5

yezlboswwzskayphhzex

yhivbeetvubwkx

mrjhwvsgnvbxpqb

wss

y

fsgmeoghjhf

isvxq

zeygt

o

gfrllbfwgvalzc

qqywsmvocohrg

kmg

fz

qnhch

xqfdhfm

uqesqpavc

tedeospofzuitmg

bfbouu

ccbzigkh

aeeapywdrlhnb

fkertmjbk

ymphqrfewmfqfyqlky

yqotepb

tthbudnpfwifoifry

xtfuvcncog

fovyi

typh

wle

olgnwahyrjvvf

itkxxgmdckiqfkkv

kbichsvikjf

uwsfyst

lcqujqzndjkihoouxak

zbvlzltprmhzcqxtyw

wdcsxmn

gyxkqxvjmunpgsb

iivaokywcsq

mabq

kivfrkfqpxwbghdl

nhhuvbznazwvew

peiwyuzyofuhai

zqxanmlxhkvhbntjxvjf

bvelhyezzisdx

expoyb

q

bqndzqbjsm

ncrumskltae

Input #6

13 9

udhggrins 3095

tobhbagjgbj 15781

djgtjjyqjlw 11585

izshuvftxt 19548

iam 13906

aby 28730

yx 22369

ptt 1308

yktnxvj 11264

re 18212

hrnhmenq 3069

uvrrhjzuzbvhzc 19578

wsprwczquknkbs 14084

Output#6

aby

yx

uvrrhjzuzbvhzc

izshuvftxt

re

tobhbagjgbj

wsprwczquknkbs

iam

djgtjjyqjlw

Input #7

39 19

dtfbfnosfxtbu 30324

xmxfa 14271

boxguilyjjckli 15280

trkbazcvufcrnjsjdcs 12225

bluyenubzrcreypwarwi 30684

ycchcxvsytunygnffue 30137

yni 2743

mhnjpftznaihjin 23762

aeweqr 10032

mznapb 6092

jsavtaotdagxeoktsd 7525

wprhgzkkhokvfbtdixdb 15272

ccp 26778

kwdvizgzaqo 17705

bvowxathbwbfryiuxag 22250

rowjytsblyjzyoy 18712

wthelypzszbh 15902

thacbbfrffgzzxvpfa 9174

gwk 19230

ytyfho 11759

h 24415

okrc 27020

rolhpnztytfunypjai 1656

orvs 15431

irsprrdlnzjazgox 2173

akj 18671

sdnmuduppucal 15589

kb 32368

dqqvoene 7406

mpuvornqksr 20401

wlnwhjlclxtmsrcezjs 5999

axodrevodeevzmeze 11893

wki 6455

oezeallphiicf 13444

s 8504

chxoitzgcsbskmlpgg 17236

tijdf 23935

xy 11902

q 29191

Output#7

kb

bluyenubzrcreypwarwi

dtfbfnosfxtbu

ycchcxvsytunygnffue

q

okrc

ccp

h

tijdf

mhnjpftznaihjin

bvowxathbwbfryiuxag

mpuvornqksr

gwk

rowjytsblyjzyoy

akj

kwdvizgzaqo

chxoitzgcsbskmlpgg

wthelypzszbh

sdnmuduppucal

Input #8

20 16

fjynptcgzmhwtgnjymfr 19800

mmmhtcpr 1935

amiqzcpyjgmosz 15820

iotogewmjchdhqyee 17848

scdzmfhvlgiyif 29782

z 19155

uvmpdipiuis 7587

vet 10283

tdmvtwkylflfddzjxcps 31481

zouzrxjovaqk 22913

gkcgqpckcfjbvn 4813

ois 27610

tlruqk 13567

luqgkolzn 17819

alzscbawlnwsfe 4748

vk 31940

qeseguyaonzcfvvrywhy 24606

arekitfwrhcjqgz 29655

ofkawa 13130

kufafwovfgs 28088

Output#8

vk

tdmvtwkylflfddzjxcps

scdzmfhvlgiyif

arekitfwrhcjqgz

kufafwovfgs

ois

qeseguyaonzcfvvrywhy

zouzrxjovaqk

fjynptcgzmhwtgnjymfr

z

iotogewmjchdhqyee

luqgkolzn

amiqzcpyjgmosz

tlruqk

ofkawa

vet

Input #9

12 3

n 12305

dtzrnofqqbohd 22885

xogiddbizmlm 27722

dwkelthmsh 20280

lqik 2117

opwayzrvhmnhcdxzkj 8770

ovgzefx 16110

ot 2240

zrxshyjqh 20184

i 23039

biauveegghh 12087

qxi 31399

Output#9

qxi

xogiddbizmlm

i

Input #10

36 27

wfupuwnwyz 29578

eylpbedurpgfzyz 14269

fdkmwgrvu 8960

ycoeennjpsdv 31447

s 28579

xcrwxwchhxjok 26764

gbaforcvimhnst 20490

zgh 2385

dlwxwjcwvbbj 19600

wviwcizafgklz 2042

fvbwhupmaoukskpirqu 4491

zft 13194

kubhgbxaxzewitq 10381

lutfmjlzzzkmfxxek 7651

inpwhzieiepo 74

ugevnuyzegkpv 30110

qu 8711

ybutpkdqbt 13014

ckakfwtww 25162

b 24005

qwpndwusoeb 22027

vvszpmqzimehibefey 2664

ezbpvuygmscl 11534

esdarddkrqeot 25267

rswtmcq 2401

hn 12172

vrxeoogvtjx 26809

tbmastdxfrlbytdqudl 18755

m 29873

ezbgoogfzmmu 14227

yubacfi 16734

kxjfdxofvobmxipg 31803

tmxcobqnklowpntrmwk 12230

lcqmm 9359

fsmplmxtzhmsrymlgd 709

r 24613

Output#10

kxjfdxofvobmxipg

ycoeennjpsdv

ugevnuyzegkpv

m

wfupuwnwyz

s

vrxeoogvtjx

xcrwxwchhxjok

esdarddkrqeot

ckakfwtww

r

b

qwpndwusoeb

gbaforcvimhnst

dlwxwjcwvbbj

tbmastdxfrlbytdqudl

yubacfi

eylpbedurpgfzyz

ezbgoogfzmmu

zft

ybutpkdqbt

tmxcobqnklowpntrmwk

hn

ezbpvuygmscl

kubhgbxaxzewitq

lcqmm

fdkmwgrvu

Input #11

540 480

vjatdpmhiuyfio 29700

aefnfuggfkg 14736

cmtb 8584

vtzj 9400

zahqfsupwoajeyvxm 27391

vjpfgxvoaolqqlfa 23453

wlyyjyooekke 15260

gyevcpcifnubkgcjfidp 24195

tsddsoavndpeeasyer 19890

gepcmqbmktema 347

bhsqdfb 5954

cvzggfxfuqnvaoflguf 8552

kirjknwaidrzkfwegmnb 22267

ijjsdsvgofnpb 18142

lnpxm 30255

eparmvmpm 576

gwgnekgjxibzdwqwve 1719

yfdnr 27793

tiuzoci 20722

rufuykicticvf 23140

fwcqvhh 7919

hxh 32701

nkikeqquwjkswbrkyp 14881

ey 14944

y 28193

gkkhsunpokgu 2492

qruztyzo 16471

yrdv 20215

zjgaveyndwkdj 27018

zakmqaabbot 26931

jinzvkezfya 24995

bnnjgiakhz 3090

qivkptoihjmiuxksyb 3163

ia 1615

mtycixlgshbtldxkje 11400

banhjsv 26181

pncnsnikdmdlkkzpscp 20058

ctgfnad 24302

bhjskeubkibti 24229

agyfoy 20248

ylwvptqrnvgwzwvkm 3568

lppossgbyxp 7358

gbtqhopakepa 12426

uqqhcbpgp 19681

jvaqojcvrplwoywej 23178

gehonqorthmjtxdxj 27191

ck 17020

mmjh 6320

uwzogll 17382

mqchjnsflujuoitmtyes 18648

gkfxxabvebomwmr 1758

vjzvjkhrmnwtf 1010

wtywbyeremsootdkl 28449

jj 8444

pzukfgfugr 13119

tgqhyaicfbrbovrijyvl 19611

cwuvwsuwoucjmblsrkfd 9588

ju 4449

immmxgztromghi 4356

upbffxjam 29275

tkshkbagm 26888

asjq 21770

vwhfwcz 17350

gcvcegtohfn 16578

dtgenuleth 15821

ufzxl 14413

uz 7390

orqwqkxilt 5351

iznwj 7259

aun 15350

dsg 19176

yvomdbhk 24070

zrafrwodhhdhf 20553

nucx 9143

taedf 25847

junydwecrqsqlxb 1702

ghfmjdal 1634

sbzbltstlto 7288

lwfutgx 16753

dpmgxwea 17672

teu 6273

kcquaqhbfdvusixiahv 26132

gfgody 30243

fxgvpkishpioiop 17707

dqkpvflvtu 32283

jk 13510

bituhvrrjtwsuheybiob 17317

adiymeqtv 1543

qbidlovlgavdigybww 14988

eto 9801

juhvthzqy 22775

k 14320

lrprxyuoxqhgatps 21892

hmbsqqiicqdbhh 30055

perunoeppabniszaybaq 28697

ehksug 30456

lrpxzr 13870

gjw 12185

ayb 31807

vywxu 2854

lit 12153

amrrtojbyu 4390

obtlcqwyjzhocyloh 4938

psibzubhy 6124

ddqtg 1752

pppfgpmunvr 19231

zdrlglitpa 28012

j 13792

gzjpmcmoiafneklbc 21780

tcqucyhkvascowhdvh 7204

waeliurwawfdiyu 8933

bnafqf 13919

t 5354

uspgavhi 32788

fiydxmvx 21969

urqexerpdhqbafj 24230

poz 8494

wagxukacdvkwyhjvelsn 18442

vosyzwjmqrnggq 30426

sswiartmvsfj 29520

kf 30578

ckvo 16990

dowixjpdux 32123

pvrdvkiheryyayipp 19629

bzztmhplpfyntnjy 17854

rhsiwcvyhjakx 25058

yhelbskqygm 25465

rcmavaumlkrowtbeut 525

ixtc 21685

milbvkvzx 18385

dvhontbdrskymm 24867

wydvvvwjg 30696

ittdwemzjknk 16791

vcbkliulyn 27870

bajnqznfcrfchprdrg 3813

xhadxivnbmdzrpomxf 15826

bnipbehhea 18764

cbmfogyaqjcjjo 32451

fuwazreyon 19324

zmoxivsefuvlamw 13025

eluyzyvevqectvuolv 10281

miwupmtglgbreqrwugc 3222

q 25937

mcxjteyjnitxmrgwfkj 4217

ujbezdhixjixbxbumk 28193

bz 14903

aginzvmwqsrdofa 14374

ahshqqjpskuegiszsjck 5429

wjoipnotqu 6064

yhnyrwbrjs 12700

fxjbdhmhfjzsfthgllu 3060

so 18900

spgcieyshxyeekmshl 11052

bsu 23970

kzcimwqdozwsu 28927

ubxralqd 13398

n 10946

wiifwu 794

agisbgngdudo 22763

dbpfwoknsdfcyipjbls 12825

clcajmhpil 14766

ncsqiqqyavmjgxjls 10316

ydyeyksqugnbjkyeybxr 22755

cnwumtpa 8216

foditdql 10265

vljphr 23742

zqtziprw 17350

xhapvnc 12130

yeobsvlscbrbszl 30007

oeljoumlrxhxlkdqbs 6515

jdcoscbdfqoxaefe 22716

nexy 2068

mrbjarkbdwaylhtttigp 14251

sfqtnlecr 11947

nelfrvuaiahybxdn 13920

qqlllz 11000

pg 7385

umk 27815

z 29124

zopxvzygofispfj 19007

rxkrvmchflhtqbsjx 29892

igoroaobmeyzlun 11669

pifs 32082

bhesyoxfgddzbv 31634

nqzejlszhvgdy 31799

kucodxtay 22080

wjtiofxacw 16124

dsg 9288

vdedmqkqtqfyyfvdx 24983

jkoqwiy 19955

epzzippsuelzhwsll 4732

vianphberu 18891

apji 30742

zgeaoidzc 10543

lcy 10928

cye 13040

jejuqtplez 30642

haopxxlwnp 4409

ryhvuadrojxsaifqytra 20448

qxcbkbye 23185

kbyifzpkmvhtatift 3975

cxpbzubsiuvmlfpvieym 7280

mqnrk 10930

pxmglfawoxfqeo 26298

piqbkpq 30786

xtdav 30447

svqslwfogryufvt 8782

qa 20793

vghueczmsktnuo 20665

gqemibnaw 3770

mfhzdilipezorftaddb 3724

sdcxvqamjdawcfd 25443

psmzgaty 866

bofgacfhtmsw 18299

ecjnxug 20146

qichbdsjp 25859

qymua 17847

mzqlmsjddkg 27911

mplduf 16780

dlcrqqnwmrubpsrvmv 20431

afvjfebebmcfnfevgb 26600

gmyjtt 25230

dpsdpgkspzinmjymbvqq 12850

pnvdbouo 7984

umpxj 30490

l 27876

imbxlmrgfyqvtrtjbkmg 10414

stlqxdmmq 7014

pjrnpt 25254

frlomiktijkb 14629

xejbfhqti 11704

txflimdorqr 12962

biirfpvdra 21608

rjrboasc 32482

btcfzlnfjciodtsef 32536

viunjbzpojivw 27084

ksxsxo 24915

mmkvpvtlefpsiifkzkht 2073

qhanzfzfymzkb 27383

sz 1380

tjcfwsi 32731

ounmsqsgvkrvduuvsk 24595

xzlsyo 19025

knvtyjfjkzxmlfgyv 17786

s 14015

car 3911

igapzmsctdkugsnwwak 4877

schvmytsfjminxc 16859

hyqdyedef 29119

t 18057

kvuszh 31799

lzdexp 24133

yxeq 31414

ukvddzvoitcukrm 5598

ninhxtbrmxlxj 19894

gmqr 20805

swx 19544

xfrpujswvxadxnibp 23869

ikgvtjeepdnviafazzn 22158

uectyzshyfejeygna 9058

e 6065

nhdwnmbzioys 31151

ribymntcs 27394

kkxlu 27170

zlqzrfanckcpybauyect 8094

cl 29594

wsjcsx 19329

mntjopqanoikbdgjsrql 6432

khhrbnjmkiroi 30294

epmwgw 1134

mguvkatlbv 18096

rbklmhvsoulzoie 376

xmrdaczhrrmsutyahlwx 491

qskjjwhodvbgl 24896

foyuytokbncg 19496

kz 9223

cscvipomibmyaxgkhg 10218

reiway 13878

nssfk 25575

gokupcfhafjcnkiwop 30067

lkvo 27902

prwejwlpjvlbmkv 2334

nzihpifstgonim 9812

kqhdk 31882

kyqnyydpkm 22644

hnlhkozx 18245

up 7230

eewozooulogisqfjx 27131

rdfmcwzbckkqkyho 24120

swprqhiqyypgdmmooi 18418

cszzzl 3261

wiztmdbwj 27134

xxind 5714

ix 25250

nqfavfqijqnwuhdwlthu 6039

wvfamxr 10444

gezgslbogumrnfqxz 13554

sdmfd 14062

vjzrg 216

dbyvhnzivketoiwjkoj 7134

tw 18901

qnkaugiqadef 13840

pnwyfmpeaa 11121

rtvmleha 4019

mzfrptocezy 17291

qgohibxezbzxl 1253

e 17994

fitokrlxllnf 26306

lpnmbwnmvcpxrwwjz 29732

gt 16491

ursldbjsxnryaugvizto 29148

noxbbaorbumgbgtirpfo 11966

hycq 18395

frj 29389

nksdy 27143

grggpfpbwidfng 24271

sobgoektetwajnmub 11830

pet 7670

jagkcwxrzmbzjia 17972

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