**.----------------. .----------------. .----------------.**

**| .--------------. || .--------------. || .--------------. |**

**| | \_\_\_\_\_ | || | \_\_ | || | \_\_\_\_\_ | |**

**| | / \_\_\_ `. | || | / | | || | / \_\_\_ `. | |**

**| | |\_/\_\_\_) | | || | `| | | || | |\_/\_\_\_) | | |**

**| | .'\_\_\_\_.' | || | | | | || | .'\_\_\_\_.' | |**

**| | / /\_\_\_\_ | || | \_| |\_ | || | / /\_\_\_\_ | |**

**| | |\_\_\_\_\_\_\_| | || | |\_\_\_\_\_| | || | |\_\_\_\_\_\_\_| | |**

**| | | || | | || | | |**

**| '--------------' || '--------------' || '--------------' |**

**'----------------' '----------------' '----------------'**

**.d8888b. 888 888 888 .d8888b. .d8888b. d888 .d8888b.**

**d88P Y88b 888 o 888 888 d88P Y88b d88P Y88b d8888 d88P Y88b**

**888 888 888 d8b 888 888 888 888 888 888 888 888**

**888 888 888 888 d888b 888 .d88b. .d88b. .d88888 .d8888b .d88P 888 888 888 Y88b. d888**

**888 888 888 888d88888b888 d88""88b d88""88b d88" 888 88K .od888P" 888 888 888 "Y888P888**

**888 888 888 888 888888 88888P Y88888 888 888 888 888 888 888 "Y8888b. d88P" 888 888 888 888**

**Y88b d88P Y88b 888 8888P Y8888 Y88..88P Y88..88P Y88b 888 X88 888" Y88b d88P 888 Y88b d88P**

**"Y8888P" "Y88888 888P Y888 "Y88P" "Y88P" "Y88888 88888P' 888888888 "Y8888P" 8888888 "Y8888P"**

**888**

**Y8b d88P**

**"Y88P"**

**888888 888 8888888b. 888 888**

**"88b 888 888 Y88b 888 888**

**888 888 888 888 888 888**

**888 888 888 .d88888 .d88b. .d88b. 888 d88P 8888b. .d8888b 888 888 .d88b. 888888**

**888 888 888 d88" 888 d88P"88b d8P Y8b 8888888P" "88b d88P" 888 .88P d8P Y8b 888**

**888 888 888 888 888 888 888 88888888 888 .d888888 888 888888K 88888888 888**

**88P Y88b 888 Y88b 888 Y88b 888 Y8b. 888 888 888 Y88b. 888 "88b Y8b. Y88b.**

**888 "Y88888 "Y88888 "Y88888 "Y8888 888 "Y888888 "Y8888P 888 888 "Y8888 "Y888**

**.d88P 888**

**.d88P" Y8b d88P**

**888P" "Y88P"**

``.-/+ossyso/-.`

`.:oymNMMMMNNNNNNMMNh+.

`:ohmMMMNmhs+/:-..`.-/smMMNh:

`:odNMMMNms/-` :dMMMs`

`:smMMMMNh+. /mMMm:

`-/sdMMMMMMd/` .hMMN:

`-/+osyhmNMMMMMMMMs. `hMMN:

`/ymMMMMMMMMMMMMMMMMMN- `yMMN-

:yNMMMNds+::::://ooyhmMMMmy/. `hMMm`

:dMMMNy/` `-/shddho. `dMMh

.sNMNh/` ``` .dMMo

`-+yNMNo. .dMMo

`./ohNNMMNy- `hMMs`

``..-:/oyhdmNMMMMMms- `sMMh`

`.-:/osyhhddmmNNNMMMMMMMMNmho:` /NMd-

`-/oydmNNMMMMMMMMMMMMMMNNmdhs+:-` / -dMN+ .:+oo+/-`

`./ohmNMMMMMMMNmmddhhyyso+/:-.`` y. `sMNs.:hNMMMMMMNmy:`

./sdNMMMMMNmhs+:-..```` :s` /mMmNMMNmmNMMMMMMd:

`:ymMMMMMNds/-`` +y. .yMMMo....-+shmMMNo

`+dNMMMmho:.` +d: `+mMm/` `./hMM+`..-----.

`+mMMMmy/. +ms` .sNMh- .dMNdmNNMMMNmh+.

:dMMMm+. /md: :dMNo. :ymMMNmdhsoosymMMm:

-yNMMMd. -dNy- `sNMm/.yNMNh+-.` `yMMm-

.oNMMMNo` `sMNo` :hMMNMMh- `./+o+- `dMMh

`/mMMMNs. +NMd: `+NMMm. -ohddyso+` +MMN.

:hMMMMh- -` /mMNo` .yNMmo:-.` :MMM-

.sNMMMNs` +h- -dMMh. :dMMd: /MMN`

`+mMMMMd: sN/ ` `yMMm/ `+mMMy. yMMh

-dMMMMm+` `hNs``/y+` oMMMs` `sNMN+` `dMMo

`sNMMMmo` .- `hMdmMy +NMMd. -dMMh- .NMM:

`+mMMMNo` sN/ `sMMMm- :mMMm- +NMNo` /MMM.

:dMMMNo` ` sMN. +NMMN/ `sNMN/ .yMMd: +MMN.

-hMMMmo` /ds/` `-.:yMMo `.-- -dMMMo -hMMh. `:+syhhhhNMMMy`sMMm`

`sNMMm+` `sNMdo:` `/hNMMMMMMm` `:sddo/. `oNMMh. `-+mMMNs` oys+:---/+sdNMMNNMMm`

+NMMm+` .yMMMNds+:-`` .sNMMMMMMMMMMo :yNd+. ` :NMMN/ /hdyo+:/dMNo` `/dMMMMh

-dMMN+` .omMMMMMMNNmdNMMMdosy+-oMMm` `yMm/ ./o: .mMMMs` `+/. :hMd- ohhhs/` +MMMo

`oNMMh. `:yNMMMMMMMMNo. -NMM/ +No` +dd+` .: .mMMMd. ` :dN+ ```..` oMMd`

`hMMMs` `-/shmMMMMMMmyo. dMMh `` --`-+hd. /MMMMm- `-/so` `oNh. -+oo+/. `hMMy

`hMMMs `:ohNNMMMMNmhs/-` `-/dMMN- omh+` `+/ yMMNNm: :o+/-://. oMm. -MMN.

oMMMm` `:ymNMMNdyo/-.` :sdmddNMMy ``` -omd. .mMN:om/ /yhs/. `:hMMh` -/++/:. hMMo

mMMM+ -smMMNdo:.` `:oo/-```sMMN: ` `/hNNo` :NMy -yo` ``` `.:odNdyNM+ -:::-.` yMMs

`NMMN- -yNMMmo-` :s:`. .NMMd` `s. .:+ymmh+. sMM+ `/+` -oyhdddy+-` oMN/ sMMs

`NMMN. `oNMMm+` `oo`:s/ oMMMh` om. .sys/-` .mMN. `. .::-..` `mMm. +MMy

`NMMm` -dMMNs. so +d: `dMMMd: .Nh` /MMh +MMd` :MMN:

.NMMm` :mMMm/ `s -h. -mMMMNo` hM/ hMM/ `mMMo -NMMN+

-MMMm` /NMMm- ` s: -dMMMMd/` /Md` -NMN: oMMN: `mMMMN+

:MMMd .mMMm- s. .yNMMMMd/` `NM/ sMMm: .mMMd hMMdMMo`

/MMMh sMMM/ /` /dMMMMNy- mMm. .mMMNo` oMMM/ oMM:hMMs`

/MMMh `NMMh` `/dMMMMNs. yMM+ +MMMMh- .NMMm` :MM+`dMMy`

:MMMh `./hMMMs `+dMMMMmooMMm. `hMMMMm/ yMMM+ .NMh .dMMy`

:MMMd` `osyyyhdNMMMMMo `/hNMMMNMMMh. -NMMMMMs` :MMMd` `mMN. .hMMh`

/MMMN. -smNNNNNNNMMMh `o` -sNMMMMMMh. oMMMmMMd. dMMM/ dMM+ `hMMy`

oMMMM- `.-::-..mMMN- /h- -yNMMMMMh` `yMMmyNMm- +MMMh sMMh `yMMs`

yMMMN- /MMMd` om: :dMMMMMy` `dMMh/mMN: .NMMM. /MMN` `sMMs

mMMMN. yMMMy +:` `hN+ `+NMMMMy -mMMy-hMN: hMMM+ `NMM/ oMM+

`NMMMm` `dMMM/ +h/` -mMo .dMMMM: /NMMs`hMN- /MMMh yMMs oMN:

`NMMMh .mMMM+ .yd+. :NMo `dMMMd` +MMMs.dMm. hMMm` :MMd` sMm.

.MMMMs /MMMMh:` -yNho-` +MM/ -NMMMh` oMMMs-MMh /MMN` hMM: `mMs

:MMMM+ hMMMMMmo. `+dMNds+:. .-+NMN- -` sMMMMs +NMMsdMM: `mMM- /MMy +MN.

/MMMM/ /MMMMMMMMdo- `/sdNMMNNmNMMMMMMm- od: `dMMMM: /NMMNMMh sMMy `mMN. .NMs

oMMMM- .NMMMssmMMMMd+` `./oyhmNMMMMMMm` `hNo -mMMMm. :NMMMMN- -NMN- oMMs dMN`

yMMMN. hMMMy .:ohmMNy: `-/sNMMMy` .mMy` -NMMMh` :NMMMMy yMMs .NMN` oMM/

dMMMN` /MMMm` `./yNh/ `sMMMs -NMh` /MMMMh` -NMMMN- -MMN. yMM+ :MMy

`mMMMd `mMMM/ .+dd: sMMMo` :NMh. sMMMMh` -mMMMh hMMs :MMd` `mMm`

.NMMMo oMMMd `:: `hMMMd:` /NMh. `hMMMMh` -NMMM: -NMN. `mMM: yMM:

:MMMM- .mMMM: `sNMMNdo-oMMd- .dMMMMh. :NMMd` yMMs sMMh /MMo

sMMMN` +MMMh :hNMMMNmMMMm/ -mMMMMd. +MMMo :MMN. :MMN- .MMd

mMMMd `dMMM: `-ohmMMMMMMN+` -dMMMMd. `hMMN- `dMMs `mMMo mMN`

-NMMMy /MMMh ``/MMMMMMMs` .yMMMMm: .mMMd` /MMN. oMMh yMM/

oMMMM+ hMMM: mMMMMMMMh. `/mMMMN+ :NMMs dMMo :MMm /MMh

hMMMM: -NMMd` yMMMMMMMMd: .odMMNs` sMMM/ +MMm. .MMM. .NMN.

`mMMMM- oMMMo `--hMMMMMMMMMNs. `+NMMh. `hMMN: .NMM+ `MMM: dMM+

.NMMMM: -MMMN: `:smMMMMMMMMMMMd: .ossmMMh` .mMMN. yMMd` `MMM+ sMMh

-MMMMM/ `NMMMd. .:sdNMMMMMMMMNo` --` /MMMs :NMMd. /MMM: `NMMs :MMN.

.NMMMMo :MMMMMy `:smMMMNMMMMs` yMMM+ /NMMd. .NMMy mMMh`.-. `mMMo

`mMMMMd yMMMMMM+ `/hNMMMMMMh- .mMMN/ /NMMd. hMMN. hMMNdmmh- sMMm`

oMMMMM/ /MMMMMMMN: :yNMMMMMm: :NMMN- `-/+o/ +NMMd. :MMMo `..-:-.yMMM+-.` -MMM/

`dMMMMm. .mMMMMMMMMm- -yNMMMMm- +NMMm. `odmhso/ +NMMd. hMMm` .+hdmddddNMMM/ dMMh

-mMMMMh` `hMMMMMMMMMMd` -sNMMMd. oMMMd. +My. +NMMd. `-//:.` -NMM/ `oNmo-` `/MMMy /MMN-

:NMMMMy` :dMMNmyoymNMMMh` .sNMMd. yMMMh` oM/ +NMMd. +mmhyyd+ sMMh sMh` .NMMm` `mMMy

:mMMMMh. -yMMmo- /NMMMy` /NMMd. `hMMMy` :Mo +NMMd. -Md. `dMN. /Mm` dMMN- +MMN.

.hMMMMm: -yNMd/ /NMMMy sMMMy .NMMMy` `md` :NMMd. oM: -MMo yM+ yMMMo `mMMo

oNMMMMo` -odMNy: oMMMMs` `dMMM/ /NMMMh` /No -mMMh` oM- hMN. `mm` /MMMd sMMm

:mMMMMd- sNmh+. sMMMMy :MMMm` /NMMMh. sN- .dMMd` +M/ -NMs `Ny .NMMN. .MMM-

`yMMMMN: ` sMMMMs yMMMs -mMMMd. `hd. .dMMh` -Ms yMM: -Mo sMMM/ NMM+

+NMMMN+ oMMMMy` `dMMMo `hMMMd. `hd` .NMMs mm` -MMd` :M+ `mMMh .NMMy

-mMMMMs oMMMMy` .dMMMy` +NMMm: `hs /MMM+ oM/ hMM+ /M+ /MMM: .dMMM/

.dMMMMo +NMMMd` `oNMMNs- .yNMNy. yMMN. .Nm :MMN. :Ms dMMd` `.+mMMMs

`dMMMN/ /NMMMd. .sNMMNy: -hMMNo. -NMMs hM+ mMMs -Md` :MMMmmNNMMMNo

.mMMMm. :NMMMm- .omMMMh: :hMMmo. hMMm` -NN- /MMN. `NM/ hMMMMMMNMMy`

-mMMMs -mMMMN/ `+dMMMh: :hNMNs- oMMN` +Md` `dMMy sMm. /MMMs-..yMMy.

/MMMN- .hMMMN+ `:yNMNh: -yNMNho-` `hMMh +Nh :MMN- .dMd:` oMMMo `oNMm+`

yMMMd` `yMMMMs` -sNMNy- .+hNMNds/-` .:+smMMm- .- dMMo `+yhho .mMMM- :hMMm+`

.NMMMs `oNMMMh. .sNMNs. `./sdNMNmdhysssyhmNMMMMMy. -NMMs ``` `hMMMs `/mMMmo- `.-:/osyhhdddddddhyso/:-`

sMMMN/ /NMMMd- .sNMmo. `.:ohmNMMMMMMMMMNNMM+` .dMMM+ -hMMMy` `+dMMNh/. `-:+oydmNNMMMMMMMMMMMMMMMMMMMMNmds/-`

-NMMMN. -dMMMN+` -yNMm+` `./NMMMmh+:.-dMMy- :dMMMm- `/yNMMMo` ./. `/hNMMmy:` .:+shmNMMMMMMMMMMMMMMNNNNNNNNMMMMMMMMMMMNds/-`

yMMMMh` `sMMMMh- `:hNMh:--` /MMM+` .yNMNs:. `-+hNMMMMMmhs+/:----:/+ymMMMMMN` .mNy- `-smMMMms-` .:sdmNMMMMMMNmdhyoo//::--........-:/+shdNMMMMMMMNdo-`

-NMMMMo /mMMMN+` `/mMMNNmh/` .NMM/ :ymMMmhso+++oyhmNMMMMMhymNMMMMMNNNNMMMMMMmhMMM- :dMNy- .+dNMMNh/` `-+hmMMMMMNmhs/:..` `.:+ydNMMMMMNd+.

yMMMMN- -dMMMMh- .sNMMMNNh. -MMM/ ./ymNMMMMMMMMMMMmNMMm:.-+shdmNNNNNmdho:.`NMM- `+mMNs. `:smNMMd/:sdNMMMMNds/-` `-+hNMMMMMmo.

-NMMMMh `sNMMMN+` :dMMmshd: +MMN- `-:+syyyyso/-.:NMMm. `..---..` .MMM. .sNMms. `-oNMMMMMMNds:.` -smMMMMMm:

sMMMMM/ /mMMMMh. .sNMNo/ys. hMMm. +NMMh +MMd -yNMNs- `-odMMMMNh+-` .oNMMMMN: ``````

.mMMMMm. .yMMMMm+` /mMMy-:o: +MMMMh: sMMM/ -NMM/ -hNMNs-`.+dNMMMmy/. -mMMMMm/+syhhddddhys+:.`

+MMMMMs `+NMMMMh- -hMMm/`. `/NMMmNMNs. `dMMm` -mMMy :ymMNdNMMMNy/. :NMMMMMMMMMMMMMMMMMMMNdy/.

`hMMMMN/ :NMMMMNo` `oNMMy:` `:hMMMd.+NMMm:` :NMM+ /mMMy` .yMMMMNh+. `:sdMMMMMMMMMNNNNNNNMMMMMMMMNy:`

.mMMMMm- yMMMMMMd/ -yNMMdyo+/+ohmMMMmo` :NMMMd+. oMMh `-yMMm+ `:yNMMMms- `-smMMMMMMMNdy+/--...--/oymNMMMMMMd/`

:NMMMMm. +MMMMMMMMy- -ohmNMMMMMNNds/` :NMMMh/:. `mMd``````.:odMNd/` `+dMMMNd/` `+dMMMMMMNmy/. `-odNMMMMMms-`

+NMMMMd. oMMMMMMMMMNs. `-:////-.` :mMMMd-++` dMMmddddmNMNms:` .omMMMNy: .smMMMMMMms:` :yNMMMMMMms/-``

oMMMMMd. dMMMMNmNMMMMNy. .dMMMm-+h: dMdsyyyyso/-` .sNMMMmo. .sNMMMMMNy:` -omNMMMMMMMNdy+-``

oMMMMMm- /MMMNs. `+mMMMMNs. .dMMMN:/No` `mM/ -yNMMMd/` .sNMMMMMmo. -oymNNMMMMMMMNdy/`

sMMMMMN: `mMMN: `oNMMMMNs. `yMMMN//Nh. :MN. :hMMMMh: .sNMMMMMm+` `..-/+oydNMMMNy.

`/ddyNMMMMN+ +MMN: `oNMMMMMy- sMMMN/-md `dMy :dMMMMh: `+NMMMMMm+` `:omMMN+

`oms. -mMMMMMy` `mMN/ `oNMMMMMh: +NMMM:`- :dMy` :dMMMMh- :dMMMMMNo` :hMMs

-dd- .hMMMMMm- hMN: `oMMMMMMd+` -dMMN+. `:smMm/ :hMMMMy- `yMMMMMMs. :mM/

+Nd` `oNMMMMNo` oMm- mMMMMMMMNs- `+NMMNmyso++oshNMNh/` :hMMMMy- /mMMMMMd- .mN.

oMh` :mMMMMMd: `sNy` dMMMMMMMMMNh/` `:ohmNNMMMNNdy/. -hMMMMh- `sMMMMMN+` sM+

oMd. `yMMMMMNy. -hd/ mMMMMMMMMMMMMNy:` ``.....`` .yNMMMd: -dMMMMMh- :N:

:Nm. :dMMMMMNo` --` `NMMMMMMMMMMMMMMMms:` `oNMMMd/` +NMMMMNo` /

.NN- `+mMMMMMh` :MMMmMMMMMMMMMMMMMMNms:` /dMMMN+` `yMMMMMm:

hMo `oNMMMMy` yMMs-NMMMMMMMMMMMMMMMMMmy/. -yMMMNs. .dMMMMMh.

/Md` -hMMMM+ :NMh` dMMMMMMMmdysydNMMMMMMNdo-` `oNMMMh- :mMMMMNo`

.mM/ .MMMMh `dMh` yMMMMms:.` `-+hNMMMMMMNmy/.` :dMMMm/` +NMMMMN/

oMm` mMMMN. `hMh` hMMmo. `.+MMMMMMMMMNds/.` `sNMMNs. `sNMMMMm-

`NMo yMMMM/ `yNs` `mMd- +MMMMMMMMMMMMMNds/-` :dMMMh- `yMMMMMh.

oMm` :MMMMh -hh: oMd. .mMMMMMMMMMMMMMMMMMNdyo/:------..` `sNMMNo` .hMMMMMy`

`mMo `dMMMM: -:` `oNh. `yMMMMMMMMMMMMMMMMMMMMMMMMNNNNNmy+/-` -hMMMh- -dMMMMMs`

:MN. /NMMMm. .yNs` sMMMMMMMMMMMMMMMMMMNNMMMMMMMMy:. /mMMNo` -mMMMMNo

yMy `/NMMMMd. `-ody- oMMMMMMMMMMMMMMMMMMd::odNMMMMMs. `oNMMd: :mMMMMN+

-NM: `+mMMMMMMMd- `-+hds: `oNMMMd+::oNMMMMMMMNy. `-smMMMMm/` `yMMMy. /NMMMMm/

sMm .hMMMd/dMMMMN+` -:oyds/. -hMMMmo` +MMMMMMd/ `:ymMMMh- .dMMN+` +NMMMMm-

`NMs -mMMMy` .hMMMMMh- :::.` `-yNMMNs. sMMMMNo` .+mMMNy. :mMMm: `sMMMMMd-

/MM- `dMMMd` `sNMMMMNs. ./hNMMNs- +NMMMh- `oNMMN+` :NMMd. `yMMMMMh.

dMm` sMMMM: :hNMMMMm/ ./yNMMNdo. .yMMMm/ :dMMMd/` /NMMh` `yMMMMMh`

-MMs -NMMMh :hNMMMMy- `-ohNMMMMs: `+mMMNy. .. `oNMMMh- /NMMs` `hMMMMMy`

yMM: sMMMM: -odNMMNh+:.` `.:ohmMMNmhMMm` -hMMMm/ -/ .yMMMMy- /NMMo `hMMMMMs`

`mMN` `mMMMm` .:+syhmmmhs/.` /yhdmmhyo+:` +MMy oNMMNo` -+ :dMMMNy. :NMMo `hMMMMMs

:MMd -MMMMd ``-:/++:. `` oMMs .hMMMy. -+ +mMMMNs. :NMM+ yMMMMMs

sMMs +MMMMh -mM+ +NMMm: .o `o- `oNMMMNs. .NMMo +MMMMMy`

mMM: yMMMMy . -dMMNo` .o` -N/ `sNMMMNy. .mMMs -NMMMMd`

-MMN. hMMMMy .yMMNs. `s` +M- .omMMMMh:` `dMMy `dMMMMN-

oMMm hMMMMy `oNMMy. `o. hN. `dMMMMMNy/-``hMMh` /MMMMMs

hMMh hMMMMh `+mMMy- o- `Nm -NMMMmNMMMMNmMMm` hMMMMN.

`NMMs hMMMMd /dMMd: o/ /Md `hMMMN-`:+shNMMN- -NMMMMy

:MMMo yMMMMm` :dMMN+` +o yMs +MMMMy :NMM+ oMMMMM:

+MMM/ +MMMMN. :hMMNs. /y `mM+ :NMMMM: `mMMh dMMMMN`

oMMM- -MMMMN- `:hNMNy- /y` /MM/ .mMMMMh `yMMN. `NMMMMy

yMMN` dMMMM: ./dNMNy- -h. hMM- `hMMMMN- +MMMs :MMMMM+

yMMd /MMMMs -smMMNy: -h- .NMN` sMMMMM+ -NMMN- oMMMMM-

dMMs . `mMMMN` ./hNMMNy- .h: +MMm` +MMMMMy` hMMMh yMMMMN.

`mMM+ h. +MMMM+ `:smMMMms- `h/ dMMh +NMMMMh` :MMMM/ `dMMMMd

.NMM/ os `mMMMd` .:sdMMMNh/. `y+ .MMMs +NMMMMd. hMMMm` .NMMMMy

-NMM/ :N. /MMMM+ `.:ohmMMMmy/. `so +MMM/ `sMMMMMh. -NMMMy :MMMMM+

.NMM+ `mh` `hMMMN: `.:oydNMMMNmy/. oo yMMN` .yMMMMMh. +MMMM+ -y/ +MMMMM:

dMMh /Mh- -NMMMm. `.-:+shdNMMMMMmho:` os` `dMMy :mMMMMNs` hMMMM- yMN/ yMMMMN.

+MMN: yMNs:` oMMMMh` ``..-/+syhdmNMMMNNmmdy+:. +y` `NMM: `sNMMMMm+ `mMMMN` yMMN: `mMMMMd`

`hMMd` `/hNNds-` `sMMMMyyhdmNMMMMMMNmdyo/:-.` /y` .MMd` :dMMMMMh- .NMMMN` +MMMm- -NMMMMs

.mMMy` -sdNMds:. `-oNMMMMMMMMMMNmhs/-. :y` `NN: .yNMMMMm+` -NMMMN. `mMMMd. oMMMMM:

-mMMy` `:smMMNh+-` `.+ymMMMMMMMMNmds+-` -s` o/ .oNMMMMNs. .NMMMM- /MMMMd. `mMMMMm

.hMMd- `:yNMMMmhyyhmNMMMMMMNmhs/-` `o` `+mMMMMNh- `mMMMMo sMMMMm: /MMMMMo

`sNMN+ .+hNMMMMMMMMMMNho:` `/` `+mMMMMMd: hMMMMd` `yMMMMNo` `hMMMMN.

/mMMh. .+hNNMNNds/. -` `+mMMMMMd/` +MMMMM/ `hMMMMMh- :MMMMMs

.dMMm/ `-:-` ` `omMMMMMh/ `mMMMMm` `oNMMMMNs. ``..:/+o: `dMMMMN-

`sMMMs` .oNMMMMNy: /MMMMMy :mMMMMMNs- ``.-://+osyhdmNNMNmy+. +MMMMMs

:mMMh` .oNMMMMmo. yMMMMMo `+mMMMMMMd+` `.-:+oshdmNMMMMMMMMMMMmhs+:. .NMMMMm`

.hMMh` .sNMMMMh/` `hMMMMMo `+mMMMMMMNhyhdmNMMMMMMMMMMMMMMMNds+:. hMMMMM/

+NMm. :yMMMMNs- `dMMMMMy` `.:+sNMMMMMMMMMMMMMMMMMMMMmdyo/-. +MMMMMy

-mMm- `/dMMMMd/` `yMMMMMm/ `-/+shmNMMMMMMMMMMMMMMMNNdhyo+:.` -NMMMMm.

`yMNo. `+mMMMNy- `oNMMMMMh/+shmNMMMMMMMMMMMMMNmdys+/-.`` `dMMMMM:

:hNNds/:. .sNMMMmo. :NMMMMMMMMMMMMMMMMMNdys+:-`` yMMMMMs

./oyhdmmdhyo+/-.` `:hNMMMh/` ./sdNMMMMMMMMMMMNdys/:.`` oMMMMMh`

```.-dMMyssyso+/:--. .+dMMMNs-` -odNMMMMMMMMMNdyo:-`` /NMMMMm.

.mMd. ``` :ymMMNh+. -odNMMMMMMMmhs/-`` :NMMMMN-

-mMm/ .+dNMNdo.` `/hNMMMMMMNh+-`` :NMMMMN:

.dMNy. `:ymMNdo-` `/dMMMMMMNy/. :mMMMMN/

.yMMmo. `:smMNdo-` -hMMMMMMd+. :mMMMMN/

`+mMMNy/` ./ymNNho-` /NMMMMMh:` /NMMMMN/

.+hNMMmy+:.` `-ohmNdy/.` +NMMMMm+` +NMMMMN/

`-ohNMMMmdyo/-..`` ``-:ohmNdy+-` :NMMMMd- `oMMMMMm:

`./ohmNMMMMNmddhyso+/:::::::---::/+oyhdmmmhs/-` hMMMMN- .hMMMMMd-

`-/+shdmNNNMMMMMMMMMMMMMNNNNNNmdyo/-. dMMMMm` :dMMMMMh.

``.-:://++oooooooo+/::-.` yMMMMN- `+NMMMMNo`

-NMMMMd. .hMMMMMm/

+MMMMMh. `+mMMMMMh.

oMMMMMh` -hMMMMMNo`

sMMMMMh` .sNMMMMMh-

sMMMMMo .sNMMMMMm/`

`dMMMMN. .sNMMMMMNo`

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mMMMMd .odMMMMMMNo.

yMMMMN` `+hNMMMMMMm+`

+MMMMN. -odMMMMMMMNy:

-NMMMN` ./ymMMMMMMMNh+`

hMMMm` `-+ymMMMMMMMMNh+.

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`dMMMNy+:-.`` ```.-:/oshmNNMMMMMMMMMNds/.

.sNMMMMMNNNmmmmmmmNNNNMMMMMMMMMMMMNmyo:.`

`+hNMMMMMMMMMMMMMMMMMMMMMMNdhs+:.`

.:oyhdmNNNNmmmddhyso+:-``

````...`````

1. Problems may be solved in any order you choose. They do not have to be done in order from 1 to 18. Problems may or may not be in order by difficulty.
2. All problems are worth 40 points. Incorrect submissions will subtract 5 points from the points rewarded if the problem is submitted correctly. No points are subtracted if the problem is never submitted correctly.
3. There is no extraneous input. All input is exactly as specified in the problem.
4. Unless specified by the problem, integer inputs will not have leading zeroes. Your program should read to the end of file unless otherwise specified.
5. Your program should not print extraneous output. Follow the form exactly as given in the problem.
6. All programs must run in under 2 minutes.

|  |  |
| --- | --- |
| Problem # | Problem Name |
| 1 | AP/K Level Basket Weaving |
| 2 | Yeet Theorem |
| 3 | Movie Marathon |
| 4 | Intramural Snowball Fight League |
| 5 | Like, um, uh |
| 6 | Portmanteau |
| 7 | Trivia Day |
| 8 | Ocho |
| 9 | Messy Written |
| 10 | There’s Always Tomorrow |
| 11 | Unity Update |
| 12 | Twelve Days of Christmas |
| 13 | Naughty List |
| 14 | E is Scary (Part 2) |
| 15 | Reindeer Sandwiches |
| 16 | Too Many Bens |
| 17 | ChristMaths |
| 18 | Bodies |

**1. AP/K Level Basket Weaving**

# Program Name: Basket.java Input File: None

Sammy Klaws, Roll, Michelle, Grover, Eyeube, Brain, Moohair, and Stab were cruising in their mini-cooper rocking out to the Bad, the Ugly, and the Good soundtrack while mixing in some Old City Highway and Hole in One on their way to the big Eight Rivers State Basket Weaving Christmas contest. They were smart and pulled down the latest Disharmony update for their GSP to make sure they did not get lost.

Everything was going great until Stab’s knee locked up from the impact after the mini jumped the rail road tracks. “Why did we let Brain drive?” said Michelle. Stab’s knee began to fill up with like, um, uh, like um, uh, juice. Eyeube knew this could happen as it had happened to Grover last year on his way to the North Korea Science Fair. Luckily, Michelle brought along a copy of the latest Red Disconnected Magazine which had tips about general anatomy, hiding bodies, and reducing joint juice. Brain was really sorry and worried that Stab’s knee might make them late. The quickest solution was to amputate so they took a few minutes to read the Red Disconnected Magazine. With a single swing of Roll’s lightsaber, Stab became Stub. Brain just happened to have put a peg leg in the trunk of the mini before they left so they were all set. Stub was hopping along and getting ever so antsy about the contest. Sammy told Stub it would be fine and not to worry about running out of time making his basket. Sammy reminded Stub that Michelle told them before they left that they would have Math.E minutes to make baskets and that the provided basket plans from Eight Rivers were always as clear as the fluid in Grover’s knee.  
  
The CS gang drove up with time to spare, but got caught in a thunderstorm on the way into the building. Stub was limping like mad and suffering from DPS from past state basket weaving contest flashbacks. It was raining crazy hard, so Sammy Klaws had to unscrew Stub’s peg leg as it was starting to rust. Unscrewing the peg leg was a no go. Luckily, once again, Roll pulled out his trusty light saber and went to work. Confused as usual, Roll chopped of Stub’s good leg. Brain said he would just carry Stub, but Brain was about as coordinated as a baby reindeer and ate it on the wet floor. All soaking wet and filled with despair, they were just about to give up.

Suddenly, a Shrouded figure appeared. It was the ghost of contests past. He took the whole CS gang on a journey in time so they could see what things looked like in the past, present, and future. The experience was eye opening for the team. They saw trophies won and trophies lost, they saw friends made and friends lost, and they witnessed legacies old and many yet to come. As the journey came to an end, Eyeube, jolly and plump and filled with emotion, spoke up like a hyena, “From this day forward we will code with a purpose among us, attack the carcass and scream 212 whenever trophies they owes us (or during the Eight Rivers awards), but first Sammy Klaws must deliver some bling as all Stub wants for Christmas is his 2 front gold plated peg legs with matching grills!”

**Input**

None.

**Output**

Print out the basket as shown below.

**Goal**

This is a simple printout problem.

**Example Pseudocode Implementation**

print EEEEEEEEEEEEEEEEE

E ----- E

E X E

E ----- E

EEEEXEEEXEEEXEEEE

**Judge Input File**

None

**Example Output to Screen**

EEEEEEEEEEEEEEEEE

E ----- E

E X E

E ----- E

EEEEXEEEXEEEXEEEE

**2. Yeet Theorem**

# Program Name: Yeet.java Input File: yeet.dat

Zeki is convinced that Yeet Theorem really works, and decides to dedicate a whole line of research behind this theorem. Yeet Theorem states that to raise a number n to the power p, you can “yeet” the power in front of the number and concatenate them to get your resultant number. However, Zeki is really stupid and needs your help to both determine the result using Yeet Theorem and find out if it equals the real value of n raised to p.

**Input**

Given t describing the number of test cases. For each test case, you are given n and p (0 ≤ n, p ≤ 15).

**Output**

Return the value after yeeting the power and if the value is valid. If the value equals n^p, print “Yeet”. Otherwise, print “Get Yate”.

**Goal**

For numbers a and b, see if a^b is equal to b concat a.

**Example Pseudocode Implementation**

if a^b == b concat a:

print a^b + Yeet

else:

print a^b + Get Yate

**Judge Input File**

7

5 2

3 3

15 0

0 1

12 12

5 3

1 0

**Example Output to Screen**

25 Yeet

33 Get Yate

15 Get Yate

10 Get Yate

1212 Get Yate

35 Get Yate

1 Yeet

**3. Movie Marathon**

# Program Name: Movie.java Input File: None

You are about to begin the annual Christmas Movie Marathon – 212 Christmas movies in the span of 25 days, giving you approximately 2 and a half hours for each movie. You’ve already made important preparations for your unnecessarily long movie marathon, but at 11:50 PM on November 30th, you realize you’ve forgotten one of the most important items: the Christmas tree. You believe in the power of the extra degree, and the Christmas tree is necessary to demonstrate your commitment. Time is racing against you… can you get yourself a tree?

**Input**

None.

**Output**

Print out this picture of a Christmas tree.

**Goal**

This is a simple printout problem.

**Example Pseudocode Implementation**

print \*

/|\

// \\

// \\

// o \\

// o \\

// o \\

//\_\_\_\_\_\_\_\_\_\_\_\\

|||

|||

|||

|||

---

**Judge Input File**

None

**Example Output to Screen**

\*

/|\

// \\

// \\

// o \\

// o \\

// o \\

//\_\_\_\_\_\_\_\_\_\_\_\\

|||

|||

|||

|||

---

**4. Intramural Snowball Fight League**

# Program Name: ISFL.java Input File: isfl.dat

Every year, the Cypress Woods Computer Science Club holds an intramural snowball fight tournament. Because nobody likes you, you’ve been delegated the job of organizing the team signups and logistics. According to the National Snowball Fight League Rules and Regulations, a team is a group of at most 3 people, although it can contain less than 3. Given a list of raw data consisting of people and a team they want to be on, sort them into respective teams and print them out in a more friendly format. Team membership is given on a first come, first serve basis. If somebody wants to join a team that already has 3 people, they will not be able to join.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. The first line of each test case will be a single integer r that indicates the number of people that signed up. Each of the following lines consists of the person’s name, and, if the person has a preferred team, then a dash -, followed by their preferred team’s name. If a person just wants to have fun and does not have a preferred team, they will be placed with other team-less people and people who could not get into their preferred team.

**Output**

Output each team’s name followed by the members of the team, both in alphabetical order (case-sensitive). Any people without a team will be placed a team named Untitled Team X, where X is a number that starts at 1 and increments for each untitled team that is created. The untitled teams will be sorted together with the titled teams in alphabetical order. Separate each team with a newline, and separate each test case with ----- (5 dashes).

**Goal**

Given a list of people and preferred teams, they need to sort the people into teams. The first step should be to note which people don’t have preferred teams, as well as people who want to join teams that are already full. Then, add the people to teams and sort them.

**Example Pseudocode Implementation**

file -> TreeMap<String, ArrayList<String>>

sort(ArrayList<> for map entry value in map)

for people in extra, didn’t make it:

map.add(people if people < 3 else create new team)

**Judge Input File**

6

8

Alex-Team A

Mihir-Team A

Zeki-Team B

Ashay-Team A

Sidh-Team A

Ronak-Team B

Tristan

Ral

6

ASDF-GHJK

QWERTY

2539

J-J

foo

bar

9

John Doe-Cool people

Jane Smith-Cool people

john doe-Cool people

jane smith-cool People

cool Person-cool People

Me-Cool people

You-Uncool people

Untitled

Untilted

12

A

S

D

F

G

H

J

J

K

K

K

;

7

Bob-Team Q

Joe-Team Q

C-Team Q

Jack-Team Q

89-Team Q

L

U'-Team Q

20

autn-ntpbet

bneitbne

entn493-0n

rbtinvn

nrv-t

bntiorjb

wnv-4t

niotn-t

ntibnb-5

f

oanwevi04=5-6

mampobv-y

pormtpmb-t

mamtb-6

fj

16-16

ajsldkjf

5n8t-583

tj

jt

**Example Output to Screen**

Team A

Alex

Ashay

Mihir

Team B

Ronak

Zeki

Untitled Team 1

Ral

Sidh

Tristan

-----

GHJK

ASDF

J

J

Untitled Team 1

2539

QWERTY

foo

Untitled Team 2

bar

-----

Cool people

Jane Smith

John Doe

john doe

Uncool people

You

Untitled Team 1

Me

Untilted

Untitled

cool People

cool Person

jane smith

-----

Untitled Team 1

A

D

S

Untitled Team 2

F

G

H

Untitled Team 3

J

J

K

Untitled Team 4

;

K

K

-----

Team Q

Bob

C

Joe

Untitled Team 1

89

Jack

L

Untitled Team 2

U'

-----

0n

entn493

16

16

4t

wnv

5

ntibnb

583

5n8t

6

mamtb

oanwevi04=5

Untitled Team 1

bneitbne

bntiorjb

rbtinvn

Untitled Team 2

ajsldkjf

f

fj

Untitled Team 3

jt

tj

ntpbet

autn

t

niotn

nrv

pormtpmb

y

mampobv

-----

**5. Like, um, uh**

# Program Name: Like.java Input File: like.dat

Alex stutters when he talks too much, and fills up the empty space with words like like, um, and uh. Mr. A wants to help him improve his soft skills by overcoming his speech problem. Write a program to remove all filler words from a sentence.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. Each test case will contain a sentence on one line.

**Output**

For each sentence, output the sentence without any filler words.

**Goal**

Take out the words like, um, and uh from a given string and handle whitespace.

**Example Pseudocode Implementation**

s.replaceAll(“\\b(like|um|uh)\\b”, “ “).replaceAll(“[\\s+]”, “ “);

**Judge Input File**

10

What if like we uh wrote more contest problems about like stupid stuff

Your thing is like not working

He um didn't like do that

Can you like please help me solve this foobar problem

What about like the equation for the uh um left branches

I was made in his likeness

First in, first out

A b like c, d

a b c d e, g like f

uhc ume asdf likef flike eum cuh a, b, c, d, e, f

**Example Output to Screen**

What if we wrote more contest problems about stupid stuff

Your thing is not working

He didn't do that

Can you please help me solve this foobar problem

What about the equation for the left branches

I was made in his likeness

First in, first out

A b c, d

a b c d e, g f

uhc ume asdf likef flike eum cuh a, b, c, d, e, f

**6. Portmanteau**

# Program Name: Portmanteau.java Input File: portmanteau.dat

Alex likes to use complicated words because they make him sound more photosynthesis. This week he learned from TIL on Reddit about portmanteaus. A portmanteau is a combination of two words into a single word, where continuous, nonzero length portions of both words are present in the combination. Examples include motel (motor + hotel), brunch (breakfast + lunch), and hangry (hungry + angry). Given a portmanteau and two words, determine if it is possible to form the portmanteau with said words. A portmanteau is said to be formable if a continuous stream of characters from the beginning of one word combined with a continuous stream of characters from the end of the other word makes the portmanteau. The streams must both be of nonzero length.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. Each test case will contain the portmanteau, then two words.

**Output**

If it is possible to create the portmanteau from the words, output “YES”. Otherwise, output “NO”.

**Goal**

Check if there is a pair of integers (x, y) such that a[, x] + b[y,] equals c or b[y,] + a[,x] = c.

**Example Pseudocode Implementation**

for i in range 1 .. len(a):

for j in range 0.. len(b) – 1:

if (a[,i] concat b[j,] == c) works = true

repeat same code but switch a and b

**Judge Input File**

6

motel motor hotel

brunch lunch breakfast

jangry hungry angry

whism antidisestablishmentarianism what

9q48u5nobwe0qv4pw9ner0ionnbq3059i2059b80q2n8v9305n8nq2b3ion5bv029385nqbonivu3bwjfqbn34u95n03v94iewroljbqwkedfnkkwewtbjbwioerklqn03498ionejfkldv 9q48u5nobwe0qv4pw9ner0ionnbq3059i2059b80q2n8v9305n8nq2b3ion5bv0290vqn8w9eiourqnowiebufvoqni3u4n0q35vb0b9q2n-5b1n4-251b59ovqivewnoqnwiejkfd qn948wtuidskfbqn0394oitebun0q2nownpeornqbpn34awtonpfiobq3pt4vopnq3904nv5u0qn2q523b84n50qvb3n495nq3489-nq5b34nq5bn=b-eprinobpwneriqvnip4nwnpbi5q34n5n3n9pq35i4o5npq34nvip385nqbonivu3bwjfqbn34u95n03v94iewroljbqwkedfnkkwewtbjbwioerklqn03498ionejfkldv

9q48u5nobwe0qv4pw9ner0ionnbq3059i2059b80q2n8v9305n8nq2b3ion5bv029385nqbonivu3bwjfqbn34u95n03v94iewroljbqwkedfnkkwewtbjbwioerklqn03498ionejfkldv 9q48u5nobwe0qv4pw9ner0ionnbq3059i2059b80q2n8v9305n8nq2b3ion5bv0290vqn8w9eiourqnowiebufvoqni3u4n0q35vb0b9q2n-5b1n4-251b59ovqivewnoqnwiejkfd qn948wtuidskfbqn0394oitebun0q2nownpeornqbpn34awtonpfiobq3pt4vopnq3904nv5u0qn2q523b84n50qvb3n495nq3489-nq5b34nq5bn=b-eprinobpwneriqvnip4nwnpbi5q34n5n3n9pq35i4o5npq34nvip385nqbonivu3bwjfqbn34u95n03v94iewroljbqwkedfnkkwewtbjbwioerklqn03498ionejfkldf

**Example Output to Screen**

YES

YES

NO

YES

YES

NO

**7. Trivia Day**

# Program Name: Trivia.java Input File: trivia.dat

To prepare for the Eight Rivers Computer Science Competition, Jonathan decided to study up on some obscure Java trivia for the written test. After getting a couple of 240s, he was ready to share his program with other students and make them fight to the death over Java trivia. However, even after all that studying, he couldn’t figure out how to compare the players’ answers for each question to the answer key. So, he’s forced to turn to you. Can you help Jonathan figure out how to analyze the answers and print out the winner for each trivia question?

**Input**

The first line will have an integer n, the number of test cases to follow. Each test case consists of 3 lines. The first line will contain the names of the two players, separated by a space. The second line will contain the proper answers to each question, or the answer key, each separated by a space. The last line will contain the pairs of answers that each player submitted on each question, with the first player’s answer being first in each pair.

**Output**

The output will be a single line that says who won the round in the format “(Winner) has won this round!”. If the round ends as a tie, output “(player1) and (player2) are tied this round!”.

**Goal**

The goal is to see who answers the most questions correctly in a simple quiz-show like game.

**Example Pseudocode Implementation**

if a[i] == c[i/2] a1++

if b[i] == c[i/2] a2++

print winner

**Judge Input File**

7

JohnChris ChrisJohn

Five Gray Green Orange

Five Blue Blue Green Orange Green Orange Yellow

Marie Claire

Five Four

Five Four Five Four

Bob Jony

Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y

N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N

Maalik Danny

Green Yellow Blue Orange

Green Yellow Yellow Green Blue Green Orange Yellow

Ricky Jadyen

pneumonoultramicroscopicsilicovolcanoconiosis

pneumonoultramicroscopicsilicovolcanoconiosis pneumonoultramicroscopicsilicovolcanoconiosis

Ferrer Armstrong

Quad Tri Five Two

Two Y Quad N Tri Y Y Two

LongTest ShortTest

Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y

N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N N

**Example Output to Screen**

JohnChris has won this round!

Marie and Claire are tied this round!

Bob and Jony are tied this round!

Maalik has won this round!

Ricky and Jadyen are tied this round!

Armstrong has won this round!

LongTest and ShortTest are tied this round!

**8. Ocho**

# Program Name: Ocho.java Input File: ocho.dat

After demonstrating your soft skills at the job interview, you’ve landed a job at Nine Oceans, a prestigious software development company. For some weird reason, your first task is to convert numbers written in Spanish and compare them to other numbers. While this is simple enough, your boss graduated from 8 Rivers Middle School and enforces a policy requiring 8 to be greater than everything (except for itself, in which it is equal to 8). Write a program to do your job for you.

**Input**

The first number t indicates the number of test cases that follow. For each test case, there are two all uppercase words in Spanish. Spanish numbers are as follows:

* 0 = CERO
* 1 = UNO
* 2 = DOS
* 3 = TRES
* 4 = CUATRO
* 5 = CINCO
* 6 = SEIS
* 7 = SIETE
* 8 = OCHO
* 9 = NUEVE
* 10 = DIEZ

**Output**

For each test case, output the first number followed by a greater than, equal to, or less than sign followed by the second number.

**Goal**

Make a map of words and numbers and compare them with a simple special case.

**Example Pseudocode Implementation**

check if map[a] == 8 or map[b] == 8

else if map[a] > map[b] …

**Judge Input File**

10

UNO DOS

TRES UNO

DIEZ CERO

DIEZ OCHO

CUATRO CINCO

SIETE SEIS

OCHO CERO

NUEVE OCHO

NUEVE NUEVE

CERO CERO

**Example Output to Screen**

1 < 2

3 > 1

10 > 0

10 < 8

4 < 5

7 > 6

8 > 0

9 < 8

9 = 9

0 = 0

**9. Messy Written**

# Program Name: Written.java Input File: written.dat

Written tests are hard to grade, and sometimes, something goes wrong. At the Eight Rivers Middle School Computer Science Competition, Ral received a 236 on the written test! The way written tests are scored is 6 points for every question correct, no points awarded for skipped questions, and -2 points for incorrect answers. There are always 40 questions on a written test, so some scores shouldn’t be possible. Write a program to determine whether a given written score is possible.

**Input**

The first line of input is n, the number of data sets to follow. The next n lines will be an integer within the range -80 to 240, inclusive.

**Output**

For each test case, print “Possible” if the written score is possible or “Impossible” if the written score is impossible.

**Goal**

The goal here is to check whether a given UIL written test score is valid or not.

**Example Pseudocode Implementation**

for i in range 0 .. 40 for j in range 0 .. 40:

if i + j <= 40 h.add(i\*6-j\*2)

check if h contains input #

**Judge Input File**

321

-80

-79

-78

-77

-76

-75

-74

-73

-72

-71

-70

-69

-68

-67

-66

-65

-64

-63

-62

-61

-60

-59

-58

-57

-56

-55

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-16

-15

-14

-13

-12

-11

-10

-9

-8

-7

-6

-5

-4

-3

-2

-1

0

1

2

3

4

5

6

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8

9

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**Example Output to Screen**

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**10. There’s Always Tomorrow**

# Program Name: Tomorrow.java Input File: tomorrow.dat

After having his business idea brutally rejected by Mark Cuban, Lil’ Willy Brazofuerte, world-renowned rapper, is feeling a little upset. As his best friend, you want to help him cope with his struggles, so you tell him that “there’s always tomorrow”. “But what is tomorrow?” Lil’ Willy B. asks you. Now, your task is to tell him.

**Input**

The input will begin with a single integer, t, denoting the number of test cases to follow. Each test case will contain a date formatted as MM DD YYYY.

**Output**

Output the date of exactly one day after the date given, taking leap years into account. Please output each date in the MM DD YYYY format on its own line.

**Goal**

The goal here is see what tomorrow is by adding a day to a GregorianCalendar object.

**Example Pseudocode Implementation**

GregorianCalendar a = new GregorianCalendar();

a.set(…) a.set(…) a.set(…)

a.add(…)

printf(a)

**Judge Input File**

5001

09 30 9522

12 25 4878

11 11 2200

02 07 4328

02 26 8113

10 18 6022

01 04 4749

04 08 7889

11 15 5600

02 22 8001

04 11 8753

09 28 4191

11 20 4900

06 16 9400

12 05 4565

02 12 4134

03 27 4202

06 23 6558

11 01 5776

01 30 6467

08 11 5461

11 13 5142

08 20 5309

04 25 3696

10 13 7494

09 12 1951

10 07 4988

06 29 4049

02 13 7928

08 15 9550

09 03 1345

08 25 7598

12 01 1308

10 22 5150

12 09 5623

08 28 2261

08 23 3247

01 19 7848

07 26 5232

01 17 7366

03 04 9759

02 16 1822

03 18 2279

06 25 6776

06 11 2678

07 17 8470

05 01 1296

10 01 9246

04 08 6498

07 13 8676

12 10 7841

04 17 1662

07 01 4947

01 31 3409

02 28 4320

09 20 3174

11 10 2192

06 26 8800

08 11 2139

10 03 2903

02 24 7772

09 28 1532

05 07 9146

05 11 7975

02 01 9099

05 16 5984

06 17 7261

07 05 4948

06 04 8763

10 21 6988

02 11 6244

10 10 2482

11 05 8836

11 17 8308

03 12 6688

02 18 9126

09 23 5898

08 14 6096

05 25 6523

09 03 4513

10 02 6701

05 14 5492

03 06 3678

10 23 1002

06 29 1086

10 26 1359

12 08 2938

11 02 3924

05 19 6146

04 08 6787

05 24 3545

07 11 6981

01 04 3521

11 29 7471

11 30 5693

11 22 7178

08 15 9266

01 28 1400

11 12 3782

01 05 2760

11 10 4830

03 15 7481

10 01 2057

12 26 3120

09 30 7406

09 07 2723

04 19 6163

01 31 6429

08 28 8224

09 18 4470

11 23 9119

07 08 3930

05 13 9235

07 20 6884

02 11 4274

04 21 7311

01 21 7153

10 01 9409

11 15 3001

05 02 2429

03 31 2903

04 17 4371

05 16 1109

01 20 4853

06 01 9178

06 11 6059

11 26 5330

01 30 4202

06 11 3132

11 05 5751

02 08 5679

04 15 2158

09 06 5052

01 28 8061

11 11 7015

11 22 7236

01 21 3346

01 05 8727

12 09 4780

05 24 7961

11 19 1238

06 22 1608

09 09 5613

07 16 2014

10 23 6189

10 16 7077

08 18 7347

05 18 4146

03 06 2337

11 30 1324

05 19 2841

05 13 4275

12 08 2053

10 10 9201

03 14 9066

12 13 9105

06 12 3171

04 21 8242

02 01 9013

09 10 8880

04 19 1455

01 02 9313

06 16 6148

07 23 9541

01 03 7486

08 28 3021

02 07 4449

11 27 7489

09 21 4377

05 15 9528

04 29 9450

02 06 3505

03 08 2514

02 13 1782

04 05 8159

04 14 7995

09 11 7924

03 13 4361

01 01 3351

04 02 3776

04 26 9878

02 10 6208

02 03 1327

08 07 4919

12 03 2900

08 08 3393

05 24 3051

08 22 5884

06 02 2557

04 28 5787

04 15 4401

07 22 5206

01 11 2164

09 04 8127

07 22 6211

04 06 8355

02 21 1907

06 09 3336

01 25 5836

03 15 9133

12 30 1868

07 24 5281

08 16 6110

03 04 4016

10 21 4957

03 20 1200

08 15 9762

01 29 1270

01 27 3939

07 26 5046

03 05 1725

07 08 7413

08 19 6468

03 02 4749

05 21 4143

12 04 8692

04 08 5390

07 07 2054

04 29 5413

02 19 5683

06 02 4481

06 23 3080

02 12 4209

02 06 6902

09 26 6351

11 30 9080

01 19 6100

02 20 1446

05 18 6332

02 05 6034

07 01 4204

11 30 5147

03 06 9885

06 26 9741

10 30 1162

11 12 3540

06 21 9378

06 06 2942

02 07 5742

03 21 6098

04 06 6977

09 01 2686

04 19 5399

11 19 3688

02 06 4891

03 18 7717

07 13 5326

12 22 5069

11 30 5284

11 06 6062

05 23 1781

05 06 6392

02 02 1879

11 26 6189

11 18 5798

12 09 7250

09 08 9508

11 05 1255

12 09 7882

05 02 1663

02 03 6786

10 06 1812

01 06 1793

09 29 7624

04 10 7490

10 11 4164

12 24 2166

07 26 6381

07 17 5326

07 07 7142

10 03 8466

01 16 6548

07 15 9396

01 22 4534

01 16 5545

10 18 5383

08 30 3915

05 24 1707

09 26 7050

03 03 1172

09 21 9583

06 27 2090

08 10 3879

04 23 3584

05 04 1434

09 26 5170

09 13 7028

02 21 3160

12 03 4008

09 28 1508

09 16 2337

02 08 6717

11 27 7317

09 14 2910

05 30 3967

03 17 9407

10 14 9290

02 24 1460

01 05 9778

12 05 2516

02 22 8173

06 08 3418

03 07 1309

12 21 7702

12 22 4774

11 10 6262

03 27 5582

11 25 7411

09 16 3438

07 16 5134

07 24 5657

02 22 2533

04 24 9202

04 04 9883

06 02 6593

08 20 3055

04 16 7787

05 23 3626

09 28 6349

06 09 3493

08 10 1850

11 19 3316

01 10 3085

12 17 3278

04 09 1272

01 15 1231

02 11 6370

09 21 1972

11 18 3242

05 31 4590

12 24 2940

01 08 8263

05 07 8439

04 22 1557

01 17 2884

04 06 9096

08 29 2776

09 06 4924

09 12 2429

10 10 1042

08 06 3883

03 28 9479

11 18 6945

10 27 5108

09 28 7896

12 31 5784

04 08 1282

07 07 8625

04 02 9986

12 22 5512

09 03 5153

02 04 3638

01 20 5642

07 31 8860

08 26 1967

11 28 9339

07 30 7809

09 09 9708

09 10 2336

09 05 4567

10 12 7694

01 07 3222

09 23 7324

06 22 1198

06 14 4379

11 27 1449

09 07 7511

02 27 7424

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12 17 6004

12 12 8387

09 29 7838

08 18 3784

05 25 7699

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10 22 1511

05 03 9351

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03 11 6197

04 24 4196

03 13 3367

08 30 7330

07 27 8840

07 31 9370

06 16 7669

08 24 1811

04 04 2669

01 02 6928

10 04 1548

11 07 5594

11 05 4693

08 07 8632

03 22 4017

09 21 1324

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06 10 8935

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10 15 9692

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01 21 3659

04 10 9761

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09 04 5728

02 17 7233

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01 13 5604

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12 17 4193

11 22 9998

10 17 5950

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12 04 1530

12 10 9850

06 09 2468

06 25 1483

02 06 1190

11 20 7892

09 24 8303

02 17 8375

08 07 5545

05 22 2982

02 03 9793

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01 09 1200

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07 24 2595

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09 08 8372

05 12 6250

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06 01 2402

09 03 8272

09 14 2532

02 25 8381

01 31 6499

06 11 3455

12 14 8504

01 20 1267

06 02 5240

01 19 8467

12 11 1416

06 16 6516

04 24 2493

07 04 8805

08 01 2524

07 13 2120

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08 13 8833

09 09 1595

02 05 1469

06 10 6603

05 12 9455

01 07 4640

10 26 9166

06 25 6071

12 15 4984

09 25 4740

05 18 9959

05 19 1046

01 15 3641

08 31 6789

06 28 4346

08 14 3068

01 26 6800

12 28 2715

01 31 4595

03 12 8891

03 23 1933

05 04 5898

02 20 9864

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06 15 7473

09 30 9949

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12 13 8658

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03 08 7964

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11 16 4360

09 04 8823

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07 07 4484

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02 11 2908

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08 23 4099

03 15 7020

12 03 9022

01 11 9772

04 29 8647

06 25 3034

03 30 8502

05 28 6432

10 20 1513

12 22 5765

10 21 8275

07 20 3485

02 02 1125

11 14 6436

08 04 7121

03 15 6564

05 24 7497

10 11 6861

09 05 1945

11 26 5371

01 28 4350

12 16 6468

12 08 5711

01 17 1850

02 02 3055

10 27 8052

06 09 4231

03 09 3617

09 23 5711

01 25 4925

05 12 4593

12 20 5891

12 28 3125

04 29 7053

03 10 5558

04 23 1761

05 03 7242

12 25 5290

04 07 1535

07 31 8330

12 24 6700

06 18 8949

06 14 8939

02 24 2062

12 09 6639

04 21 4656

06 13 8758

02 14 6555

02 04 6739

03 26 7730

12 21 9995

03 18 1905

05 31 9576

05 10 6252

01 30 3378

09 22 4952

09 24 7931

09 14 8451

04 01 4264

10 12 2806

11 05 4500

01 12 3162

10 04 4054

10 06 9356

05 11 2643

11 24 5735

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02 16 6793

10 27 4373

11 25 3113

11 17 9850

10 27 1627

10 25 1620

07 17 7610

12 30 5423

08 25 4224

05 07 1049

03 22 4417

03 18 7570

06 30 7523

09 02 2278

02 06 6906

12 01 6321

12 09 4313

11 11 4231

07 02 6442

02 08 4087

02 21 4279

11 29 4634

01 03 2692

06 23 6788

04 17 8931

12 16 6224

08 11 5200

07 13 6413

07 25 1563

11 08 7230

09 21 5488

11 17 4840

03 18 3450

10 27 3912

12 13 7922

07 14 9543

12 19 1732

09 17 7605

09 19 7223

01 09 2527

08 19 4696

02 11 4682

10 14 3714

05 09 9304

11 09 6549

02 03 7141

02 22 7182

08 19 8108

06 29 1288

10 27 8217

01 01 9660

05 13 5759

04 22 5782

08 29 4367

08 20 7408

02 25 5604

07 06 1916

04 09 3385

02 06 7964

07 15 9890

08 10 2353

07 31 8033

09 30 1310

01 08 4626

11 09 4341

06 22 3648

09 15 6003

05 26 5601

11 12 4956

01 24 4540

09 12 8430

05 03 6615

02 05 6170

06 12 2714

10 08 3381

02 28 1285

03 06 2312

01 31 5539

09 29 3624

11 02 4863

12 31 9692

04 29 4355

07 02 3354

09 15 1473

06 24 7473

02 15 6785

12 19 5128

03 17 2981

03 01 2323

08 11 3619

01 04 1212

05 27 1329

04 30 1850

07 23 6553

02 22 3231

08 25 2676

02 10 4449

03 22 5862

04 17 1497

09 20 9999

07 10 6885

05 29 9216

11 03 7555

07 19 3984

06 16 8711

12 06 1308

11 01 1147

05 22 3072

06 26 9525

07 05 4779

06 18 7153

10 05 9344

03 19 6026

07 17 4089

07 22 3920

02 03 3681

02 27 9921

08 04 7470

12 13 8915

05 01 7152

05 27 7884

03 10 5962

03 25 7716

03 19 7979

07 14 3029

02 28 4695

05 11 7017

12 28 2678

11 30 3725

02 20 3147

09 06 7642

08 13 4031

09 10 5012

06 15 2939

07 10 8377

05 11 4489

08 19 1418

08 17 4997

04 21 5930

12 10 2359

02 02 3627

08 18 8432

03 20 7371

09 25 2748

07 17 4153

01 25 7431

09 30 4056

10 04 7670

04 11 2012

11 04 7663

02 05 3268

08 13 5057

07 07 4290

11 10 6353

12 23 8681

09 18 7516

07 04 3532

11 13 6054

03 30 3130

03 08 8693

01 31 4938

01 14 2484

11 22 4254

06 04 1905

01 28 3613

01 11 5380

08 16 9147

05 21 6405

01 03 1330

09 25 5320

02 04 9391

06 03 1124

04 15 2727

03 24 9754

08 26 9648

04 12 8139

02 03 9272

12 24 1160

04 04 3380

03 26 2277

11 26 2945

09 14 8242

06 09 4257

08 12 9340

03 14 5222

10 22 5403

11 11 6422

07 08 2321

09 23 6729

07 07 1459

03 19 5929

04 30 9709

08 20 4769

09 25 6563

08 10 5467

04 20 8579

10 13 2875

10 20 6683

04 07 9855

09 25 8555

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06 02 7629

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05 21 1921

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07 30 4852

05 19 6997

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03 18 8935

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02 02 7974

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04 06 8209

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01 01 9692

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08 15 4849

12 21 6743

06 14 2296

04 01 4791

11 01 1261

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08 29 1186

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10 13 2218

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03 03 8933

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11 09 7702

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12 27 6248

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08 21 3534

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04 07 1449

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01 13 2797

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09 14 1882

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12 01 5539

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07 06 2450

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08 27 6283

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03 09 9882

02 17 5580

03 26 2855

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09 11 1874

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07 02 4485

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10 03 4292

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09 08 7457

12 16 5018

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06 24 6131

07 24 4870

06 15 8214

09 05 7314

07 30 5438

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04 03 2193

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10 07 6304

08 31 6778

06 07 4594

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06 12 3811

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08 15 8018

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04 11 5321

06 29 4781

06 06 4277

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05 24 3427

01 31 5097

02 23 8142

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03 27 8833

10 24 1444

06 12 6769

10 05 7406

09 07 6748

04 27 2986

11 02 6443

08 31 1001

02 25 9989

09 27 2520

08 17 1590

01 22 5986

04 27 8711

02 16 9623

05 11 1552

12 07 2336

07 17 2279

08 29 8557

11 16 6244

08 25 9769

04 17 7247

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06 29 8938

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06 28 1420

08 11 5854

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09 06 6629

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09 13 2699

01 01 4484

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12 05 7844

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11 12 6397

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08 15 2166

03 09 8428

08 25 9913

09 05 2801

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04 13 7999

01 11 1116

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06 15 1613

03 04 5140

03 19 3431

08 01 1638

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03 21 3359

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06 05 4517

04 23 9594

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08 11 9565

12 30 4222

12 17 2006

05 06 2743

10 21 6692

03 03 5113

03 05 1761

09 27 4451

12 24 5828

06 17 4019

11 12 2320

03 27 1154

02 23 4154

06 03 6074

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03 10 2091

06 30 4427

04 30 3560

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05 24 6246

11 29 8371

11 25 8968

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12 26 2820

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11 25 7453

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08 03 1480

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04 08 5062

03 24 8335

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07 20 5823

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10 23 8845

06 24 4605

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02 13 6822

04 30 7873

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10 10 9391

11 07 1596

04 21 3524

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09 01 9499

11 03 4512

07 21 1259

02 12 6214

06 14 7144

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10 12 2086

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09 18 9070

12 26 2444

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06 05 7113

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03 08 8784

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04 09 7794

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07 29 4356

02 11 4266

02 08 2391

10 06 1566

04 21 5433

10 16 2236

07 23 6818

05 10 3603

07 23 3596

09 05 5288

07 25 1964

01 21 8756

04 25 1673

08 14 4332

03 13 8105

03 09 9519

02 16 4574

06 11 9981

09 15 5981

01 28 7690

01 22 8639

08 31 2936

01 13 4802

02 15 3034

06 02 8798

08 22 5720

12 18 4472

09 21 7335

10 17 8907

12 02 8670

04 01 6695

02 03 8776

02 19 6704

09 23 3471

05 21 6860

07 27 2746

05 02 8526

07 13 7761

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11 29 8356

06 05 2133

02 27 7065

04 07 1980

03 13 7340

07 06 4121

11 16 5839

04 10 7298

05 21 7145

06 07 1655

03 28 2928

12 31 5525

02 21 5970

08 05 9140

12 29 9200

05 01 3998

11 14 4394

01 06 1954

04 09 6714

10 11 8610

07 06 6335

01 18 8694

11 06 8928

07 19 1166

12 19 7969

03 26 1980

09 17 2610

07 12 4417

11 13 2041

06 16 2824

12 31 6926

05 11 3349

03 23 5938

02 02 1868

04 22 1934

04 04 3052

12 30 4694

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09 12 8814

01 23 5817

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08 17 1890

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09 26 7352

02 28 3075

09 10 9577

09 21 4593

02 09 9259

05 14 8479

07 14 7654

09 24 1013

02 28 2008

**Example Output to Screen**

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11 12 2200

02 08 4328

02 27 8113

10 19 6022

01 05 4749

04 09 7889

11 16 5600

02 23 8001

04 12 8753

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06 24 6558

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08 12 5461

11 14 5142

08 21 5309

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10 08 4988

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08 26 7598

12 02 1308

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08 29 2261

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06 12 2678

07 18 8470

05 02 1296

10 02 9246

04 09 6498

07 14 8676

12 11 7841

04 18 1662

07 02 4947

02 01 3409

02 29 4320

09 21 3174

11 11 2192

06 27 8800

08 12 2139

10 04 2903

02 25 7772

09 29 1532

05 08 9146

05 12 7975

02 02 9099

05 17 5984

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10 22 6988

02 12 6244

10 11 2482

11 06 8836

11 18 8308

03 13 6688

02 19 9126

09 24 5898

08 15 6096

05 26 6523

09 04 4513

10 03 6701

05 15 5492

03 07 3678

10 24 1002

06 30 1086

10 27 1359

12 09 2938

11 03 3924

05 20 6146

04 09 6787

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06 23 1608

09 10 5613

07 17 2014

10 24 6189

10 17 7077

08 19 7347

05 19 4146

03 07 2337

12 01 1324

05 20 2841

05 14 4275

12 09 2053

10 11 9201

03 15 9066

12 14 9105

06 13 3171

04 22 8242

02 02 9013

09 11 8880

04 20 1455

01 03 9313

06 17 6148

07 24 9541

01 04 7486

08 29 3021

02 08 4449

11 28 7489

09 22 4377

05 16 9528

04 30 9450

02 07 3505

03 09 2514

02 14 1782

04 06 8159

04 15 7995

09 12 7924

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12 04 2900

08 09 3393

05 25 3051

08 23 5884

06 03 2557

04 29 5787

04 16 4401

07 23 5206

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12 10 1956

06 23 6081

07 02 8354

09 06 3355

04 06 2380

08 16 5296

11 27 7393

10 23 2391

01 05 6406

02 01 7991

06 12 7006

04 27 2907

07 26 4571

09 18 2639

07 03 4485

02 23 4243

10 04 4292

12 31 2058

06 08 7838

09 09 7457

12 17 5018

05 20 2211

06 25 6131

07 25 4870

06 16 8214

09 06 7314

07 31 5438

10 28 4607

02 05 3620

11 29 3902

03 15 6412

05 22 7969

02 17 2452

01 13 5258

10 02 8960

11 15 2172

10 17 3191

10 09 7521

07 19 2334

02 28 3295

06 09 5493

05 27 6751

01 11 2075

04 04 2193

05 10 4438

10 08 6304

09 01 6778

06 08 4594

04 23 2901

08 12 6051

01 01 5484

03 19 9722

05 21 6202

10 14 3189

02 12 6676

02 21 8446

11 21 7439

06 13 3811

03 20 4417

08 05 2223

07 25 7984

10 14 7781

08 16 8018

01 17 8006

10 13 1551

12 05 4053

05 19 9850

02 08 3701

03 03 4995

02 22 1171

08 13 5501

05 23 8861

08 31 5627

04 30 9432

04 29 2348

03 12 4915

03 31 4278

05 04 2023

09 30 4891

12 25 5497

07 06 4650

04 12 5321

06 30 4781

06 07 4277

08 19 2617

03 02 9610

05 25 3427

02 01 5097

02 24 8142

02 08 6517

05 27 1316

01 23 5295

08 21 4293

03 05 6701

09 21 6848

09 23 7652

01 26 7526

03 30 8606

01 10 7421

11 08 6664

10 14 5906

03 04 9474

01 17 1847

06 27 6619

04 04 2303

02 17 3285

11 18 3804

06 11 5358

11 16 3810

10 21 9882

02 04 3056

01 20 4607

05 31 7672

04 14 3178

11 21 7507

05 12 8338

08 25 9898

12 01 9122

10 14 7850

09 16 4812

06 28 3488

06 25 5943

05 08 6584

01 16 5717

07 31 9758

01 27 1138

01 07 9582

09 14 4196

04 19 2685

09 19 9715

11 22 9081

04 13 4505

10 11 6463

11 09 1325

12 24 6044

05 04 7627

04 23 5558

10 29 5169

01 28 9254

06 05 8270

10 25 7510

09 18 1843

07 03 5240

07 27 3473

12 09 4543

08 28 6759

03 19 9233

10 26 1336

08 07 3655

04 01 7222

09 11 5799

03 30 5361

12 16 8371

01 19 7914

04 08 2568

12 11 7366

06 25 8671

07 25 9164

12 18 3594

02 08 6112

02 15 2743

07 05 8240

05 25 8381

03 23 6438

06 29 6289

08 01 4719

07 01 6394

11 01 7050

07 06 9906

03 27 2022

01 20 4041

12 20 9970

08 20 3822

10 16 2244

12 10 4625

05 23 9188

01 02 6774

03 18 8565

01 14 2588

02 12 1094

08 12 7245

05 04 6826

08 23 1569

06 10 8009

09 11 3471

07 03 2165

03 07 1344

09 21 8342

09 20 4745

07 26 6072

08 28 1556

03 28 8833

10 25 1444

06 13 6769

10 06 7406

09 08 6748

04 28 2986

11 03 6443

09 01 1001

02 26 9989

09 28 2520

08 18 1590

01 23 5986

04 28 8711

02 17 9623

05 12 1552

12 08 2336

07 18 2279

08 30 8557

11 17 6244

08 26 9769

04 18 7247

06 29 1805

10 02 8080

05 28 1177

12 19 8468

08 29 7561

06 11 5191

05 14 5779

03 06 3457

02 17 3702

11 25 1254

10 11 7290

01 26 8769

08 27 7428

04 02 3522

03 07 5407

11 08 1339

06 29 2291

01 16 7021

05 12 9186

07 13 5567

07 25 9664

09 14 4390

10 16 9588

06 14 8295

06 30 8938

08 27 7367

06 29 1420

08 12 5854

04 28 6759

09 07 6629

10 05 9303

05 10 9920

10 06 9521

12 21 1430

09 11 6914

07 21 8102

09 15 8067

11 14 6340

01 23 8865

10 22 6966

04 10 7111

10 08 9332

01 27 1876

01 13 1570

12 09 2351

01 15 6510

07 20 7685

02 03 6539

02 16 3473

03 13 5898

11 29 4154

10 23 6256

12 27 1376

09 14 4938

07 14 4471

04 25 5930

04 07 1906

06 06 7676

03 31 3078

11 02 3990

05 15 5171

03 16 5015

02 21 9052

05 12 9652

12 27 8160

07 25 7932

03 11 5128

03 16 9387

06 04 1871

06 15 6161

02 29 4284

02 15 5560

12 19 8478

04 01 5532

01 03 4004

10 01 9653

01 31 9259

03 16 4949

05 03 9733

06 13 8141

11 04 4989

12 28 6884

09 07 9911

02 21 8460

11 23 5399

08 09 4216

06 20 5086

04 11 9348

10 15 1985

08 02 8352

12 13 5140

05 27 6381

02 25 2996

09 14 2699

01 02 4484

05 20 3571

05 16 9842

05 10 4822

05 12 1274

12 21 4613

12 08 2375

10 11 3002

06 11 8239

05 25 3604

11 05 9587

04 20 9314

07 20 6581

04 19 3964

08 28 1204

10 24 5914

02 12 1617

03 31 2713

10 05 3381

12 06 7844

10 06 2430

06 23 9345

11 04 7368

11 13 6397

09 10 1651

08 16 2166

03 10 8428

08 26 9913

09 06 2801

11 27 7231

01 31 3603

08 26 8763

11 17 2172

06 22 9818

06 20 7071

12 14 6329

01 05 3199

11 27 2841

04 05 3803

05 15 8854

05 30 2519

09 12 7617

11 09 3084

05 20 8251

10 16 5581

04 14 7999

01 12 1116

02 23 1251

06 16 1613

03 05 5140

03 20 3431

08 02 1638

06 09 2072

03 09 7921

08 22 6238

10 26 8817

03 22 3359

01 29 1496

05 31 7988

06 06 4517

04 24 9594

12 03 9397

08 26 7515

05 12 8107

08 12 9565

12 31 4222

12 18 2006

05 07 2743

10 22 6692

03 04 5113

03 06 1761

09 28 4451

12 25 5828

06 18 4019

11 13 2320

03 28 1154

02 24 4154

06 04 6074

05 16 3923

10 01 8735

03 11 2091

07 01 4427

05 01 3560

12 17 6312

05 25 6246

11 30 8371

11 26 8968

08 09 3192

12 27 2820

03 10 9807

06 19 5883

04 21 2223

03 02 8624

10 09 5781

02 28 7656

08 27 3733

08 17 8992

05 22 3227

08 03 1992

02 11 9726

01 27 1266

06 21 8903

07 15 7047

03 26 4612

01 07 3357

06 22 2109

11 09 1438

11 26 7453

01 26 9981

09 26 6839

04 04 8920

09 07 7479

11 03 7655

12 23 2747

08 04 1480

01 28 7539

03 09 5334

01 05 7637

05 15 9456

10 24 6097

07 11 5759

12 30 5040

06 24 5016

09 26 5488

07 04 5046

08 19 7976

01 23 4848

01 24 7281

11 09 5925

04 09 5062

03 25 8335

03 14 2882

10 28 5208

07 21 5823

11 28 7703

10 24 8845

06 25 4605

09 05 7311

02 22 9710

02 14 6822

05 01 7873

10 27 1052

10 11 9391

11 08 1596

04 22 3524

01 02 2745

09 12 2095

10 20 2306

07 11 9851

07 05 3245

06 29 5717

04 09 1680

11 13 8969

04 08 4971

05 13 5430

05 12 3924

03 29 8794

01 04 5158

02 21 7554

06 29 4812

01 22 7491

11 07 5173

07 12 7326

02 24 7569

05 11 3870

05 22 8583

05 07 5326

03 24 8185

04 23 4456

02 14 5653

10 27 7133

06 18 7059

03 20 6630

06 07 2594

12 11 2479

05 23 5103

09 21 7171

10 02 6084

10 11 9655

09 03 8859

03 24 7867

10 10 3389

06 15 1321

05 21 3640

03 06 7506

12 17 7819

12 23 6030

01 19 7297

08 25 1559

02 21 6230

07 26 6875

12 22 5842

04 21 3229

12 22 4890

05 07 8522

10 20 1966

11 05 7205

01 26 8197

06 13 8627

12 11 3296

09 02 9499

11 04 4512

07 22 1259

02 13 6214

06 15 7144

03 28 1740

08 08 1303

10 13 2086

10 31 5207

08 06 5243

01 18 4154

06 30 6890

04 19 5671

01 30 3263

09 19 9070

12 27 2444

04 08 4135

06 06 7113

05 24 8539

03 09 8784

07 05 5023

10 05 3217

04 10 7794

08 31 4627

10 27 2107

07 30 4356

02 12 4266

02 09 2391

10 07 1566

04 22 5433

10 17 2236

07 24 6818

05 11 3603

07 24 3596

09 06 5288

07 26 1964

01 22 8756

04 26 1673

08 15 4332

03 14 8105

03 10 9519

02 17 4574

06 12 9981

09 16 5981

01 29 7690

01 23 8639

09 01 2936

01 14 4802

02 16 3034

06 03 8798

08 23 5720

12 19 4472

09 22 7335

10 18 8907

12 03 8670

04 02 6695

02 04 8776

02 20 6704

09 24 3471

05 22 6860

07 28 2746

05 03 8526

07 14 7761

08 23 2962

04 24 5740

09 23 4182

07 19 9410

08 26 3247

01 04 8856

03 23 3260

11 04 3004

09 01 7853

02 19 7652

06 17 7594

06 13 4826

05 10 8290

11 13 7654

05 04 7702

02 16 7240

11 05 3387

05 10 5737

07 31 5607

11 29 7834

03 08 6115

09 25 8842

10 30 6745

05 11 9986

01 02 3633

06 07 2085

08 19 6474

12 09 4640

11 13 3909

05 01 3268

05 15 6129

09 02 3094

08 05 8355

06 10 4057

10 25 2606

09 20 8386

05 15 8132

08 23 4739

05 15 1062

02 21 9593

08 10 3069

07 31 5447

05 15 6540

12 29 1826

03 31 9494

03 16 9014

01 11 8129

11 18 8085

02 02 2806

10 14 9336

04 17 7664

11 30 8356

06 06 2133

02 28 7065

04 08 1980

03 14 7340

07 07 4121

11 17 5839

04 11 7298

05 22 7145

06 08 1655

03 29 2928

01 01 5526

02 22 5970

08 06 9140

12 30 9200

05 02 3998

11 15 4394

01 07 1954

04 10 6714

10 12 8610

07 07 6335

01 19 8694

11 07 8928

07 20 1166

12 20 7969

03 27 1980

09 18 2610

07 13 4417

11 14 2041

06 17 2824

01 01 6927

05 12 3349

03 24 5938

02 03 1868

04 23 1934

04 05 3052

12 31 4694

06 29 4214

09 13 8814

01 24 5817

05 14 6754

03 07 5113

08 29 5587

08 27 1075

02 03 6776

05 21 8322

08 18 1890

05 06 2270

03 10 3116

06 24 2688

11 14 8452

09 10 4919

02 07 4793

06 21 6281

01 17 8435

08 22 1794

10 23 2747

09 23 7283

10 17 9586

12 10 1470

09 09 2075

02 02 1835

04 07 8305

03 12 3416

02 12 1624

12 18 1085

07 25 3265

04 27 5243

12 08 2870

02 17 4877

02 09 4011

03 07 4859

12 24 2406

08 10 4763

07 31 9215

02 12 7930

02 16 2606

12 21 3363

03 26 8741

09 27 7352

03 01 3075

09 11 9577

09 22 4593

02 10 9259

05 15 8479

07 15 7654

09 25 1013

02 29 2008

**11. Unity Update**

# Program Name: Unity.java Input File: unity.dat

The season of Christmas is all around, and it is a merry jolly time for all students and teachers alike. During this most generous of seasons, the 7th period computer science class is trying to work on their soft skills by collaboratively singing a Christmas carol one line at a time. However, some students who don’t understand when to ask a personal question interrupt this fun holiday activity. If a student named Maxwell asks about a Unity update when the Christmas carol is being painstakingly sung, the whole song is a failure and the whole class gets an F and a meter stick to their faces. If a student other than Maxwell asks about a Unity update, the song goes on because they are not a repeat offender. Successfully singing this Christmas carol consists of not being interrupted by Maxwell asking about a Unity Update, resulting in the class getting an A.

**Input**

The first line of input will contain a single integer n that indicates the number of lines of the Christmas carol. Each line will consist of a name followed by a colon and a space, and the line of the Christmas carol that they sung. If a line matches “Maxwell: Regarding the Unity update...”, the class has failed.

**Output**

If the students were able to successfully sing the Christmas carol without being interrupted by Maxwell’s question about a Unity update, print “Song passed! Everyone gets an A for Christmas.” If the students were unable to sing the song successfully, print “Song failed. Everyone gets an F in their stocking.”

**Goal**

The goal here is to see if a line equals a special message or not.

**Example Pseudocode Implementation**

while (more input) input() == “Maxwell…”

**Judge Input File**

17

Alex: Dashing through the snow

Mihir: On a one horse open sleigh

Ricky: O'er the fields we go,

Maxwell: Laughing all the way

Zeki: Bells on bob tail ring,

Tristan: making spirits bright

Eyeoosh: What fun it is to laugh and sing

SkeletonKing: A sleighing song tonight

Ral: Oh, jingle bells, jingle bells

Steben: Jingle all the way

Alex: Regarding the Unity update...

Jah: Oh, what fun it is to ride

TTNorth: In a one horse open sleigh

TTSouth: Jingle bells, jingle bells

Chang: Jingle all the way

Glover: Oh, what fun it is to ride

Roneck: In a one horse open sleigh

**Example Output to Screen**

Song passed! Everyone gets an A for Christmas.

**12. Twelve Days of Christmas**

# Program Name: Twelve.java Input File: twelve.dat

After some coercive action, you have finally been able to complete the singing of several Christmas carols without interruption by a certain student. However, a new problem has arisen – some students have not studied their lines ahead of time for the next carol, the Twelve Days of Christmas. However, being the good CS student that you are, you realize that the lyrical structure of the Twelve Days of Christmas is very formulaic, so you decide to write a program to help everybody remember their lines. Given a list of items that your true love has given to you, print each one out in a way that will tell each student what to sing.

**Input**

The first line of input will contain a single integer n that indicates how many test cases to follow. The next n lines will each consist of a gift given by your true love.

**Output**

Print each item as is, but with “The next gift is” added at the beginning, and a period added at the end.

**Goal**

This is a simple printout problem with the enhanced challenge of file input.

**Example Pseudocode Implementation**

while (more input) print(“next give is ” concat input())

**Judge Input File**

12

twelve drummers drumming

eleven pipers piping

ten lords a leaping

nine ladies dancing

eight maids a milking

seven swans a swimming

six geese a laying

five golden rings

four calling birds

three french hens

two turtle doves

a partridge in a pear tree

**Example Output to Screen**

The next gift is twelve drummers drumming.

The next gift is eleven pipers piping.

The next gift is ten lords a leaping.

The next gift is nine ladies dancing.

The next gift is eight maids a milking.

The next gift is seven swans a swimming.

The next gift is six geese a laying.

The next gift is five golden rings.

The next gift is four calling birds.

The next gift is three french hens.

The next gift is two turtle doves.

The next gift is a partridge in a pear tree.

**13. Naughty List**

# Program Name: Naughty.java Input File: naughty.dat

Sammy Klaws, the eternal spirit of Christmas, has returned to continue the annual tradition of giving the good students their presents and the bad students their coal. Usually, this would not be a difficult task, since Sammy does the same thing every year and has a very efficient system in place. However, Sammy practiced a little too much computer science this year, and his vision has gotten a lot worse to the point where he sometimes cannot distinguish similar-looking names. This is a problem, because a lot of kids on his naughty list have similar names to the kids on his nice list, so he’s enlisted you to write a program to see if the names are actually right. Given the correct name and a list of other names that Sammy thinks are the same but may be slightly different, find the name that has the most correct characters in the same spot of the correct name. If no character is correctly placed, a failed message will be printed. If more than one name has the same number of characters in their correct places, the name that appeared first will be printed. For each test case, print out the most similar name, followed by an accuracy percentage that represents the percentage of letters that were in the correct position using this equation:

The length of each string will never exceed 100.

**Input**The first line will contain integer n*,* which represents the amount of test cases to follow. The next ndatasets will each start with integer s, followed by the correct string, and s-1 lines, each with a random permutation of the original string.

**Output**

Output the string that has the greatest number of corresponding letters, and on the next line, print “Accuracy Percentage: ’’, followed by the accuracy percentage calculated using the formula aforementioned and rounded to a whole number. If no strings were found to have even one character in the corresponding place, print “FAILED” on a new line instead of the corresponding string and for the accuracy percentage, print “NaN” instead of a percentage.

**Goal**

Make a class to sort words based on number of correct letters.

**Example Pseudocode Implementation**

Read in strings

Create TreeMap<String, Double>

For each string compare it to the original and add it and the percentage to the map

Print out the last element of the map

**Judge Input File**

10

3

ABCDEFGHIJKLMNOPQRSTUVWXYZ

SXFPVIUGZLMNKOQDWEBYRHJTAC

KXAHCBPWOLSGTYQVFIJMUDEZRN

4

hands

dasnh

hsnad

hsnda

4

CHRISJOHN

ZZZZZZZZZ

YYYYYYYYY

DDDDDDDDD

5

HAPPYCHRISTMAS

HAPPYCHRISTMAX

HAPPYCHRISTMII

HAPPYCHRISTYYY

HAPPYCHRISTMBB

5

LOLBROSKI

LOLLLLLLL

AAAAAAAAA

BBBBBBBBB

CCCCCCCCC

5

JohnChris

ChrisJohn

JanhChris

lolbroski

moreoptio

5

mihir

plese

mihar

mihir

sidhy

3

ral

lar

zzz

10

helloworld

welcometod

helloworid

markzucccc

rickybinzl

joshrasber

okboomerss

gohomesons

212gangyyy

deadbodies

2

thanks

hallos

**Example Output to Screen**

KXAHCBPWOLSGTYQVFIJMUDEZRN

Accuracy Percentage: 4%

hsnda

Accuracy Percentage: 60%

FAILED

Accuracy Percentage: NaN

HAPPYCHRISTMAX

Accuracy Percentage: 93%

LOLLLLLLL

Accuracy Percentage: 33%

JanhChris

Accuracy Percentage: 67%

mihir

Accuracy Percentage: 100%

lar

Accuracy Percentage: 33%

helloworid

Accuracy Percentage: 90%

hallos

Accuracy Percentage: 17%

**14. E is Scary (Part 2)**

# Program Name: E.java Input File: e.dat

Sammy Klaws has decided to work on overcoming his fears. As we all know, Sammy is notoriously afraid of two things: Shroud, and the mathematical constant e (2.71). The latter fear was later expanded to fear of any and all mathematical constants after he discovered that more than one existed. Sammy plans to overcome his fear of mathematical constants by memorizing them. However, being a timeless undead Christmas spirit has taken its toll on him, and his memory is quite bad, so his attempts at estimating constants are often quite off. Sammy wants to test his accuracy in hopes that it will improve, and he needs your help doing this. Given three of his guesses and the real value of the constant he is trying to guess, output the accuracy of his guesses in the form of a percentage.

**Input**

The first line of input will contain an integer n which is the number of test cases. The first three numbers in any following line are the three guesses. The next value is the actual value of the constant.

**Output**

The output should be the percent error between the three guesses and the actual value of the constant, formatted as a percentage with two decimal places. The equation for percent error is as follows:

**Goal**

This is a simple printout problem.

**Example Pseudocode Implementation**

100 \* abs(((a + b + c) / 3 – d) / d)

**Judge Input File**

6

110.89 111.61 111.98 129.30

209.69 210.68 212.69 257.24

188.01 187.07 188.54 234.01

1106.79 1112.62 1101.08 1291.01

221.19 220.56 221.63 218.98

28.85 28.32 28.58 32.97

**Example Output to Screen**

13.77%

17.97%

19.72%

14.27%

0.98%

13.31%

**15. Reindeer Sandwiches**

# Program Name: Sandwiches.java Input File: sandwiches.dat

Sammy Klaws always keeps his reindeer fed. After all, to drive his operations, his reindeer have to be healthy and fit. The reindeer are very picky and only eat handmade sandwiches. However, Sammy has recently become more and more busy with computer science and is looking at outsourcing the job of feeding his reindeer, and he has outsourced it to you because it means he won’t have to pay taxes. To make a sandwich, you need bread, meat, and cheese. You went to the grocery store earlier this week and made a log of what items you bought as you were putting them in your refrigerator. Being an organized person, you separated each type of food into different drawers. However, this also means the first item you wrote down is at the very back of your refrigerator, and you don’t want to just go off the list and dig out everything from the back. So, you’ve decided to write a program to create sandwich combinations for the reindeer to eat. Items will not be put back into the refrigerator once they have been eaten for obvious reasons. If any of the three items are missing, then you cannot make a sandwich.

**Input**

The first line of input will contain a single integer n that indicates the number of things you bought. The next n lines will contain a log of all the items you bought, with the name, a dash, and then the type of food it is – bread, meat, or cheese. These lines are in the order you put the food into the refrigerator.

**Output**

For each possible sandwich combination, output the sandwiches in the order they will be made, and the sandwiches’ ingredients in the format bread, meat, cheese.

**Goal**

Simply use three stacks and remove from each at once.

**Example Pseudocode Implementation**

while (stacks aren’t empty) print(a.pop() + b.pop() + c.pop())

**Judge Input File**

20

Whole wheat-bread

White-bread

Turkey-meat

American-cheese

Swiss-cheese

Ham-meat

Cheddar-cheese

Chicken-meat

Hamburger buns-bread

Patty-meat

a-meat

v24qvwe-meat

90vq2nbuifn-meat

2b9q05uvioaefionjf-meat

quwvboura-bread

ni4oqnwberv-cheese

qnw40rbwniberv-cheese

555555555-bread

nvo3qi4nu5ni3bio4u5nu-meat

3.4-bread

**Example Output to Screen**

3.4, nvo3qi4nu5ni3bio4u5nu, qnw40rbwniberv

555555555, 2b9q05uvioaefionjf, ni4oqnwberv

quwvboura, 90vq2nbuifn, Cheddar

Hamburger buns, v24qvwe, Swiss

White, a, American

**16. Too Many Bens**

# Program Name: Bens.java Input File: bens.dat

Sammy Klaws is trying to deliver presents to the CS kids, but there are too many Bens. Being human, Sammy Klaws cannot hope to deliver a high-quality present to every Ben. Instead, he must prioritize the bens first based on their grade in AP/K Level Basket Weaving, then their vocal range, and finally the length of their femur. The Bens will get better presents based on the hierarchy below:

* The higher their grade in AP basket weaving, the better the present
* Then the larger their vocal range, the better present
* Then the longer their femur, the better the present

**Input**The first number is the total amount of cases. The next number, x, is the number of Bens in that sorting case. Next will be x number of sets of a String representing their names, a double representing their grades in AP basket weaving, 2 integers representing the lowest and the highest frequencies of their vocal range, where the difference is the range, and finally a double representing their femur length in inches.

**Output**The output should contain all Bens in ascending order based on the hierarchy above separated by commas and a space.

**Goal**

The goal here is to make a class with many variables and then sort the class.

**Example Pseudocode Implementation**

make class, implement compareTo, sort, print

**Judge Input File**104

3

Ben Armstrong 100.0 27 100 57.5

Ben Yonas 98.0 7 89 56.8

Ben Gonzales 98.00 0 56 57

6

Ben Armstrong 100.1 27 100 57.5

Ben Yonas 98.0 7 89 56.8

Ben Gonzales 78 0 56 57

Ben Davis 78 8 9 35

Ben Stiller 78 44 55 14

Ben Franklin 100 44 45 5000000

12

Ben Armstrong 100.1 32 414 24

Ben Yonas 20 25 25 25

Ben Gonzales 10 10 10 10

Ben Davis 21.3 12 14 18.6

Ben Jackson 18 7 12 32.5

Ben Mitchell 100.3 32 414 21

Ben MeHere 100.2 3 32 414 21

Ben Alexander 5 2 47 41

Ben Bui 34.3 2521 2543 58

Ben Binzley 2 2 2 2

Ben Norman 1 1 1 1

Ben Bakhit 0 0 0 0

10

Ben Rasppberry 78 16 24 15

Ben Squid 35.2 11 93 12.7

Ben Aayyysh 55.5 13 72 74.3

Ben Ranik 64.9 26 95 59.4

Ben Jenga 89.4 77 55 0.3

Ben Boi 84 31 62 39.3

Ben Stefean 99.2 71 70 80.5

Ben Malek 74.1 10 33 54.4

Ben Charlie 70 23 11 98

Ben Shrittey 44.5 9 56 82.9

17

Ben Malek 73.1 23 53 15.5

Ben JohnChris 38.7 52 83 37.2

Ben Binzly 99.0 56 90 57.6

Ben Mitch 44.9 88 90 65.5

Ben Dan 18.6 40 87 36.9

Ben Huang 49.7 71 90 38.9

Ben hello 75.5 28 66 39.3

Ben Charles 44.4 73 80 28.1

Ben Boi 56.9 83 99 56.7

Ben ChrisJohn 99.2 56 91 46.6

Ben Weaspoppy 95.2 84 85 98.0

Ben Raspberry 10.0 36 88 18.4

Ben Yonas 2.4 50 63 11.1

Ben HelloWorld 97.8 43 69 78.2

Ben Chakarayara 75.1 24 39 93.5

Ben Amel 78.3 22 27 71.6

Ben Stefan 35.5 0 81 21.9

15

Ben Mitch 33.0 62 67 69.8

Ben Squid 30.3 86 87 1.5

Ben Charles 65.6 7 90 8.6

Ben Armstrong 43.2 93 94 4.9

Ben HelloWorld 12.2 38 59 45.9

Ben Huang 52.9 53 65 12.6

Ben Chakarayara 12.6 90 93 91.4

Ben Binzly 77.1 56 69 38.1

Ben Raspberry 77.0 14 58 32.5

Ben Gupta 88.9 55 78 97.0

Ben Dan 43.6 64 98 80.7

Ben JohnChris 65.6 40 48 69.8

Ben ChrisJohn 81.4 52 95 77.3

Ben hello 85.9 0 7 13.0

Ben Malek 71.6 17 42 36.5

1

Ben Norman 86.5 52 53 98.0

8

Ben Weaspoppy 32.7 15 75 43.2

Ben Norman 27.5 81 88 13.8

Ben Chakarayara 61.3 91 94 19.0

Ben Charles 53.9 39 99 39.1

Ben Huang 70.9 92 94 95.4

Ben Stefan 96.3 28 60 40.5

Ben hello 50.4 50 77 58.1

Ben Amel 89.3 12 13 21.2

6

Ben JohnChris 75.8 9 99 60.5

Ben Dan 2.2 56 61 10.6

Ben Squid 77.1 67 85 68.4

Ben Mitch 75.2 71 99 34.0

Ben Chakarayara 75.7 48 94 40.2

Ben Binzly 47.6 62 68 32.0

2

Ben ChrisJohn 99.4 55 84 43.3

Ben Chakarayara 1.1 82 88 23.1

14

Ben Weaspoppy 1.3 99 99 10.2

Ben Squid 29.9 29 88 74.2

Ben Huang 0.1 46 48 92.0

Ben Stefan 54.3 60 88 93.0

Ben Norman 66.6 21 71 74.6

Ben Boi 91.5 0 12 45.5

Ben Mitch 81.2 76 79 11.4

Ben Gupta 35.8 28 58 72.3

Ben Charles 91.3 24 86 85.8

Ben JohnChris 3.8 79 95 21.5

Ben Amel 64.1 85 98 82.1

Ben Armstrong 76.9 38 74 69.4

Ben Binzly 96.8 21 45 39.1

Ben Yonas 73.7 75 95 53.3

20

Ben Weaspoppy 91.6 95 96 60.6

Ben Boi 82.6 43 60 35.4

Ben Yonas 24.6 73 80 38.9

Ben ChrisJohn 8.0 58 59 84.6

Ben Chakarayara 87.9 91 92 59.7

Ben Mitch 82.6 84 98 70.1

Ben Gupta 2.0 13 74 62.2

Ben Amel 37.4 47 54 22.3

Ben Dan 25.0 88 92 21.9

Ben Armstrong 15.8 57 98 45.7

Ben Binzly 25.8 15 30 18.6

Ben Raspberry 57.7 19 39 6.8

Ben Malek 15.8 8 93 2.8

Ben Stefan 71.9 34 57 58.3

Ben Charles 61.9 77 93 92.3

Ben Norman 86.7 6 8 57.3

Ben Squid 79.2 32 49 34.8

Ben Huang 72.6 36 74 7.9

Ben JohnChris 43.6 56 85 38.2

Ben HelloWorld 58.6 14 82 78.8

12

Ben Charles 11.1 7 40 86.5

Ben Armstrong 63.0 96 97 19.9

Ben Amel 9.9 6 25 86.3

Ben Mitch 38.0 9 20 27.6

Ben HelloWorld 71.5 95 99 52.5

Ben hello 36.2 11 97 66.5

Ben JohnChris 0.4 65 72 37.0

Ben Malek 67.0 0 51 4.7

Ben Binzly 12.0 9 97 45.1

Ben Gupta 33.9 12 76 26.4

Ben Boi 20.0 87 99 18.6

Ben Raspberry 80.7 3 29 36.2

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Ben HelloWorld 67.6 5 35 32.8

Ben Squid 5.8 71 87 47.8

Ben Yonas 98.7 33 61 54.7

Ben Amel 46.5 89 93 50.4

Ben Huang 44.8 77 94 38.9

Ben Binzly 81.7 88 90 78.2

Ben Mitch 24.1 29 57 51.8

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Ben Boi 97.9 16 34 88.1

Ben Huang 52.9 96 98 8.2

Ben Chakarayara 62.4 75 87 82.8

Ben Mitch 5.2 14 50 30.2

Ben hello 0.9 27 80 45.4

Ben Malek 24.3 56 92 49.0

Ben Amel 10.0 22 71 87.3

Ben Norman 45.3 12 30 59.5

16

Ben ChrisJohn 30.5 94 98 0.5

Ben Dan 52.2 62 90 26.0

Ben Boi 12.9 10 45 63.9

Ben Amel 62.7 61 68 12.9

Ben Weaspoppy 0.8 98 99 33.7

Ben Squid 61.4 26 62 75.9

Ben Stefan 85.5 96 96 72.5

Ben Chakarayara 5.3 27 54 24.2

Ben Armstrong 76.0 23 52 41.9

Ben Yonas 81.3 39 39 61.4

Ben Malek 75.5 84 87 55.7

Ben Huang 11.9 93 96 8.5

Ben HelloWorld 89.7 9 23 39.6

Ben Mitch 27.2 4 69 23.7

Ben Gupta 94.0 79 93 35.6

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Ben Stefan 82.8 90 92 3.0

Ben Norman 61.7 16 73 6.0

Ben Charles 41.6 71 91 31.5

Ben Armstrong 84.1 55 66 43.7

Ben hello 90.3 2 6 87.7

Ben Dan 19.5 81 86 12.1

Ben Chakarayara 82.4 33 98 52.1

Ben Binzly 67.2 13 36 82.9

Ben Gupta 74.2 39 42 84.3

Ben Huang 83.8 9 42 66.3

Ben HelloWorld 93.6 52 94 3.4

Ben Boi 71.8 51 92 71.0

Ben ChrisJohn 5.7 25 59 18.7

Ben Weaspoppy 55.1 20 82 8.5

Ben Yonas 26.9 42 79 96.5

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Ben HelloWorld 26.4 0 69 49.6

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Ben Huang 0.2 47 54 20.3

Ben Mitch 64.8 64 74 57.2

Ben hello 42.1 90 98 78.9

Ben Gupta 10.8 35 98 82.4

Ben Binzly 85.9 43 74 19.9

Ben Amel 18.2 3 40 33.2

Ben Weaspoppy 20.1 46 60 23.3

Ben Malek 72.1 50 76 91.4

Ben Charles 47.6 12 92 90.7

Ben Dan 54.8 11 57 35.9

Ben Boi 77.8 14 72 7.9

Ben Stefan 11.5 11 84 77.5

Ben Chakarayara 37.0 29 61 98.2

Ben Yonas 84.7 38 93 86.4

Ben JohnChris 25.5 32 61 3.6

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Ben Norman 5.2 95 98 45.6

Ben Huang 56.3 78 92 78.4

Ben hello 23.8 74 78 1.1

Ben Squid 21.6 52 60 38.4

Ben Chakarayara 45.8 25 90 26.7

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Ben hello 7.0 55 76 10.2

Ben Huang 22.1 89 92 25.3

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Ben ChrisJohn 64.9 70 91 35.8

Ben Yonas 3.2 1 13 79.9

Ben Armstrong 41.2 21 69 90.7

Ben Dan 56.9 11 87 57.9

Ben Stefan 25.9 95 98 1.0

Ben Binzly 83.1 76 82 68.0

Ben HelloWorld 56.5 32 67 63.1

Ben Charles 97.8 41 69 69.6

Ben Gupta 74.6 30 33 30.6

Ben JohnChris 36.4 83 89 22.5

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Ben Norman 28.5 38 39 9.8

Ben JohnChris 91.4 79 90 18.6

Ben Charles 19.6 37 86 90.7

Ben Binzly 12.4 26 84 72.8

Ben Squid 79.0 24 37 54.0

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Ben HelloWorld 23.4 84 96 19.6

Ben Raspberry 44.3 99 99 36.4

Ben Armstrong 82.9 60 76 83.4

Ben Huang 49.6 56 87 85.5

Ben Gupta 6.5 69 81 37.4

Ben ChrisJohn 40.9 76 85 24.7

Ben Norman 38.5 83 85 52.4

Ben Dan 90.3 67 87 40.0

Ben Charles 32.1 21 77 49.5

Ben Binzly 32.7 11 81 59.8

Ben Squid 60.2 38 84 91.8

Ben Mitch 77.2 25 46 70.6

Ben Amel 24.2 37 78 76.8

Ben JohnChris 70.5 69 89 33.0

Ben Malek 52.9 93 96 80.1

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Ben Weaspoppy 27.1 97 97 23.2

Ben Yonas 4.2 76 92 16.7

Ben Norman 37.6 82 82 81.3

Ben Chakarayara 11.8 85 93 47.1

Ben Dan 76.4 90 90 27.2

Ben Huang 29.3 96 98 31.5

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Ben Norman 85.8 39 93 40.2

Ben Dan 97.4 36 43 48.8

Ben ChrisJohn 52.1 85 92 89.8

Ben Armstrong 50.0 69 87 41.4

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Ben JohnChris 73.6 87 97 99.2

Ben Yonas 62.2 18 39 10.0

Ben Malek 29.8 57 85 86.5

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Ben hello 96.2 47 59 62.1

Ben Amel 69.3 86 88 43.4

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Ben Chakarayara 35.7 14 37 6.8

Ben Boi 54.8 58 65 22.5

Ben Stefan 93.2 28 40 73.5

Ben ChrisJohn 67.9 74 74 41.0

Ben Mitch 41.4 64 99 49.9

Ben HelloWorld 25.8 98 99 97.8

Ben Weaspoppy 53.8 65 92 20.9

Ben Binzly 28.6 72 85 27.7

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Ben Weaspoppy 2.7 93 94 50.1

Ben Boi 84.0 10 10 73.3

Ben Squid 91.9 85 95 5.7

Ben Gupta 57.3 37 79 38.6

Ben Mitch 78.8 19 48 85.7

Ben HelloWorld 5.3 1 98 93.3

Ben Amel 60.3 14 84 12.7

Ben Raspberry 18.6 27 35 54.4

Ben JohnChris 93.6 65 70 55.4

Ben Chakarayara 21.5 5 48 53.1

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Ben Yonas 33.1 64 82 22.9

Ben Charles 5.0 38 84 79.9

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Ben Stefan 52.7 19 50 98.2

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Ben Dan 41.2 16 79 93.0

Ben HelloWorld 67.5 64 81 52.2

Ben Weaspoppy 84.7 18 82 16.4

Ben Raspberry 22.2 90 93 16.5

Ben Huang 51.0 37 48 53.3

Ben Gupta 26.6 44 90 30.4

Ben Malek 45.9 39 91 39.5

Ben Amel 48.2 83 96 42.5

Ben Yonas 9.0 52 66 91.5

Ben Mitch 54.4 31 75 39.0

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Ben ChrisJohn 88.2 27 74 84.4

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Ben Dan 45.1 13 38 2.3

Ben Weaspoppy 86.5 64 68 89.6

Ben Huang 38.6 77 87 98.3

Ben Charles 70.8 98 98 88.4

Ben Norman 88.7 7 66 66.3

Ben Mitch 90.6 24 38 95.2

Ben JohnChris 78.7 93 98 18.5

Ben Chakarayara 80.6 61 64 31.9

Ben Squid 66.4 38 74 52.9

Ben Boi 81.4 47 90 16.5

Ben Raspberry 27.9 78 88 19.0

Ben hello 18.5 74 83 93.9

Ben Amel 12.5 16 57 68.6

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Ben Armstrong 20.0 64 79 16.9

Ben Weaspoppy 53.2 87 90 49.3

Ben Chakarayara 36.7 3 78 33.5

Ben Malek 23.3 9 50 9.6

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Ben Charles 99.9 51 87 34.9

Ben Norman 41.1 89 90 68.0

Ben hello 74.0 41 51 69.1

Ben Amel 43.9 7 95 20.6

Ben Chakarayara 40.1 82 90 49.9

Ben Huang 82.9 81 98 97.5

Ben Stefan 17.3 80 82 65.6

Ben Mitch 57.0 24 41 11.7

Ben Yonas 16.9 78 88 64.3

Ben Squid 56.6 88 92 17.5

Ben Binzly 60.9 53 54 29.6

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Ben Huang 31.3 20 47 60.6

Ben Mitch 80.7 30 66 15.2

Ben Malek 67.0 98 98 64.3

Ben Gupta 35.8 32 90 16.5

Ben HelloWorld 4.3 7 26 5.3

Ben JohnChris 13.6 32 73 93.7

Ben Dan 78.2 58 87 4.8

Ben Amel 75.6 9 36 1.2

Ben Charles 42.9 52 80 24.0

Ben Raspberry 78.8 28 73 92.4

Ben Norman 30.8 37 58 62.0

Ben Binzly 95.3 46 53 4.1

Ben Stefan 38.5 33 81 37.5

Ben Weaspoppy 85.4 94 98 24.6

Ben Boi 84.7 13 67 67.6

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Ben Gupta 59.9 15 70 1.9

Ben Amel 28.7 53 89 54.0

Ben Mitch 72.4 76 81 4.3

2

Ben Stefan 98.0 83 88 94.2

Ben Squid 28.6 23 81 50.1

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Ben Malek 21.2 50 57 6.7

Ben ChrisJohn 51.6 40 84 77.2

Ben Mitch 18.1 29 95 83.7

Ben Charles 91.4 89 97 82.1

Ben Squid 98.3 65 92 26.6

10

Ben Dan 61.8 52 92 78.8

Ben Norman 17.4 13 92 1.5

Ben ChrisJohn 10.1 77 99 41.1

Ben hello 52.8 66 83 66.7

Ben Boi 22.8 32 39 99.3

Ben Malek 38.8 63 95 93.7

Ben Amel 3.2 12 56 40.6

Ben HelloWorld 36.6 28 31 67.2

Ben Squid 16.4 21 27 88.7

Ben Stefan 35.2 99 99 95.0

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Ben Raspberry 8.5 55 59 36.7

Ben hello 93.8 0 68 55.5

15

Ben ChrisJohn 80.2 45 59 92.4

Ben Squid 6.5 98 99 63.9

Ben Stefan 71.1 16 71 18.3

Ben Weaspoppy 93.2 20 51 18.0

Ben Dan 8.4 0 41 44.8

Ben hello 42.8 79 96 21.5

Ben Binzly 10.1 20 85 42.6

Ben Huang 27.4 85 98 80.4

Ben Mitch 74.0 12 34 10.8

Ben Raspberry 68.9 77 88 8.6

Ben Amel 0.1 33 80 4.9

Ben Charles 26.1 10 41 81.3

Ben Yonas 45.7 65 76 68.2

Ben HelloWorld 55.6 72 80 85.7

Ben JohnChris 55.6 7 64 99.7

18

Ben Raspberry 59.8 48 67 53.4

Ben Huang 7.0 47 56 29.9

Ben Chakarayara 97.9 49 83 74.6

Ben Binzly 71.6 8 32 41.3

Ben Weaspoppy 34.7 27 55 42.3

Ben Malek 27.3 69 79 73.2

Ben HelloWorld 61.8 27 64 79.5

Ben ChrisJohn 95.0 18 72 76.5

Ben JohnChris 1.1 82 99 14.2

Ben Boi 30.6 92 94 61.5

Ben Armstrong 90.9 94 95 23.5

Ben Norman 24.0 29 37 25.6

Ben Mitch 31.9 98 98 64.7

Ben hello 23.0 79 88 89.6

Ben Dan 93.3 83 92 56.9

Ben Amel 49.8 58 85 57.7

Ben Yonas 63.7 26 97 45.4

Ben Stefan 96.0 95 98 50.8

19

Ben Stefan 77.4 77 79 70.4

Ben Chakarayara 17.1 85 89 70.7

Ben ChrisJohn 60.7 72 82 42.8

Ben Dan 25.0 17 96 80.5

Ben Yonas 31.0 79 83 15.6

Ben HelloWorld 88.6 2 41 6.5

Ben Charles 91.4 89 97 48.5

Ben Raspberry 92.4 66 82 91.3

Ben Binzly 40.1 40 73 24.7

Ben Weaspoppy 48.8 64 72 53.7

Ben Amel 93.5 95 99 78.4

Ben JohnChris 84.5 46 64 97.7

Ben Boi 60.8 21 86 9.0

Ben Norman 19.0 29 79 17.7

Ben Mitch 55.7 91 99 96.0

Ben hello 46.4 41 78 76.5

Ben Gupta 46.5 23 61 66.9

Ben Malek 31.2 27 29 62.0

Ben Huang 47.4 52 98 54.5

6

Ben Raspberry 35.7 93 93 45.6

Ben hello 63.7 90 99 79.3

Ben Norman 69.3 74 84 30.2

Ben JohnChris 96.7 54 89 16.8

Ben ChrisJohn 49.2 10 72 28.8

Ben Armstrong 41.2 98 99 65.5

6

Ben Charles 49.2 52 91 27.7

Ben Mitch 20.0 99 99 2.7

Ben Stefan 67.6 4 48 45.9

Ben Raspberry 78.4 28 47 98.2

Ben ChrisJohn 70.1 92 97 73.0

Ben Weaspoppy 65.7 10 61 65.9

13

Ben Norman 48.8 98 98 30.4

Ben Charles 41.5 57 88 75.9

Ben Stefan 70.1 51 83 19.6

Ben Squid 43.1 55 80 48.7

Ben hello 92.7 72 76 35.4

Ben Raspberry 70.2 53 73 42.8

Ben Boi 55.5 95 98 98.5

Ben Binzly 37.5 66 66 84.1

Ben Chakarayara 79.1 47 85 2.3

Ben Yonas 45.4 82 84 9.2

Ben ChrisJohn 50.2 22 77 2.2

Ben JohnChris 90.2 71 92 86.3

Ben HelloWorld 96.1 96 96 48.2

15

Ben Binzly 5.9 70 88 96.2

Ben Huang 41.3 83 85 14.3

Ben Stefan 38.3 77 96 16.6

Ben Armstrong 92.5 36 58 12.5

Ben Dan 48.7 20 75 68.7

Ben hello 87.9 51 65 59.5

Ben JohnChris 43.3 79 96 35.4

Ben Boi 41.0 74 82 62.5

Ben Malek 78.2 61 98 82.3

Ben Squid 97.4 13 80 51.9

Ben Amel 65.2 47 81 0.2

Ben Yonas 6.6 12 95 23.1

Ben Raspberry 56.8 89 90 63.2

Ben Norman 36.4 13 14 53.3

Ben ChrisJohn 79.3 61 96 6.8

14

Ben Huang 94.9 35 61 41.3

Ben Weaspoppy 81.8 68 92 85.0

Ben Charles 87.9 14 96 10.3

Ben Binzly 14.5 99 99 20.6

Ben ChrisJohn 31.5 18 93 58.3

Ben Raspberry 99.8 65 71 40.1

Ben Gupta 74.8 93 97 43.5

Ben Malek 53.7 55 58 6.9

Ben JohnChris 18.9 72 86 20.5

Ben HelloWorld 38.6 44 60 92.8

Ben Chakarayara 93.6 59 78 36.6

Ben Dan 76.6 71 93 15.1

Ben Stefan 35.3 70 89 13.4

Ben Amel 90.8 98 99 0.0

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Ben hello 54.6 41 54 28.3

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Ben JohnChris 38.2 30 55 60.7

Ben Squid 84.2 63 99 40.9

Ben Huang 33.8 42 46 78.1

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Ben Raspberry 30.9 63 67 93.8

Ben Charles 24.4 65 72 58.5

Ben Boi 91.9 56 81 25.1

Ben Malek 53.1 58 80 58.2

14

Ben Weaspoppy 11.6 80 86 30.4

Ben Yonas 47.7 77 78 49.4

Ben Norman 49.1 38 67 23.8

Ben Armstrong 23.0 88 90 16.2

Ben Boi 55.5 51 82 79.1

Ben Gupta 47.7 62 98 26.3

Ben Binzly 30.4 48 60 52.3

Ben Raspberry 19.0 60 80 11.9

Ben ChrisJohn 15.3 95 96 70.0

Ben hello 28.7 91 97 83.4

Ben Chakarayara 19.7 75 87 69.5

Ben JohnChris 62.2 82 96 48.0

Ben HelloWorld 95.3 22 56 63.4

Ben Charles 30.8 85 99 80.2

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Ben Gupta 98.0 35 59 77.7

19

Ben Boi 3.8 51 70 52.9

Ben Raspberry 22.4 6 13 72.5

Ben Amel 30.3 65 85 46.0

Ben Armstrong 82.4 42 60 45.9

Ben Norman 48.5 18 50 63.7

Ben Chakarayara 49.6 83 98 87.2

Ben Huang 95.2 32 89 16.8

Ben Dan 29.6 76 92 21.9

Ben Weaspoppy 68.3 12 36 33.1

Ben JohnChris 1.4 95 98 27.8

Ben ChrisJohn 29.9 51 55 10.4

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Ben Binzly 66.5 96 98 30.4

Ben Squid 2.9 10 10 47.5

Ben Gupta 82.8 28 77 63.9

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Ben Mitch 39.3 37 93 72.1

Ben Charles 5.3 89 92 23.5

Ben HelloWorld 64.2 23 33 61.3

18

Ben hello 74.4 75 87 28.6

Ben Raspberry 16.5 81 84 84.4

Ben Weaspoppy 11.9 26 72 68.7

Ben Squid 92.0 71 91 53.7

Ben Stefan 9.1 34 34 12.8

Ben Amel 92.8 5 29 5.8

Ben Charles 20.7 46 90 60.3

Ben Armstrong 59.4 95 98 14.9

Ben Malek 40.7 67 79 47.3

Ben JohnChris 74.5 95 95 97.2

Ben HelloWorld 33.9 15 80 29.9

Ben Yonas 12.6 74 99 49.0

Ben Chakarayara 37.8 21 49 0.8

Ben Norman 3.7 21 98 11.6

Ben Boi 25.3 9 91 34.8

Ben Dan 56.1 33 90 7.2

Ben Gupta 85.7 51 94 44.0

Ben Binzly 69.6 7 44 7.0

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Ben HelloWorld 48.1 5 15 10.3

Ben Malek 55.5 21 98 18.9

Ben Charles 72.8 55 88 6.0

Ben Amel 26.8 2 71 12.8

Ben Squid 5.3 77 85 76.7

Ben Chakarayara 99.4 60 97 74.4

Ben Stefan 68.2 55 74 15.3

Ben Yonas 54.9 91 91 37.8

Ben Mitch 67.3 25 51 0.6

Ben hello 31.6 68 75 53.4

Ben Norman 72.0 74 97 65.1

Ben Weaspoppy 82.1 94 96 18.9

Ben Gupta 52.0 22 83 46.7

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Ben Norman 74.6 43 94 33.0

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Ben Mitch 63.3 60 74 34.6

Ben Malek 6.6 95 97 57.1

Ben Binzly 27.0 64 92 51.3

Ben Chakarayara 92.1 1 51 16.4

Ben Armstrong 55.8 49 83 88.5

Ben ChrisJohn 97.3 81 99 10.5

Ben Stefan 13.5 37 78 16.5

Ben Gupta 5.8 25 57 8.3

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Ben Amel 57.5 89 96 63.9

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Ben ChrisJohn 65.5 6 16 94.4

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Ben Gupta 31.9 39 42 38.0

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Ben Malek 59.3 48 97 93.7

Ben Mitch 19.7 64 68 88.6

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Ben Binzly 78.4 38 74 31.6

Ben Boi 74.2 89 89 90.4

Ben Armstrong 50.1 59 81 70.3

Ben Huang 21.8 95 96 95.4

Ben Charles 42.7 9 29 56.0

Ben Amel 73.9 85 95 70.5

Ben Squid 68.7 39 75 54.7

Ben hello 62.6 81 83 68.5

Ben Dan 75.6 49 85 31.9

Ben JohnChris 84.4 67 79 58.3

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Ben Gupta 79.1 13 66 34.7

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Ben hello 60.4 93 98 80.3

Ben Malek 66.8 3 59 74.5

Ben Dan 39.1 42 55 11.6

Ben ChrisJohn 38.0 92 92 72.5

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Ben Huang 7.6 51 71 29.2

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Ben Weaspoppy 52.4 4 11 25.6

Ben Yonas 82.7 14 70 1.7

Ben HelloWorld 8.9 84 85 98.0

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Ben Norman 42.9 51 85 19.1

Ben Squid 71.9 84 91 21.5

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Ben Norman 70.0 88 90 97.1

Ben Stefan 35.5 13 77 3.8

Ben Gupta 79.4 76 93 93.4

Ben Mitch 34.2 9 50 71.6

Ben hello 32.3 55 63 43.5

Ben Dan 80.1 87 92 73.6

Ben Chakarayara 72.4 8 93 23.4

Ben Raspberry 0.2 95 95 41.6

Ben Charles 58.3 30 81 5.2

Ben Weaspoppy 54.6 87 91 94.2

Ben Amel 79.3 49 65 99.8

Ben Binzly 5.3 71 75 50.1

Ben HelloWorld 53.5 0 77 83.7

Ben ChrisJohn 54.0 48 76 50.3

Ben JohnChris 1.7 45 53 65.3

Ben Boi 71.9 69 70 40.9

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Ben Huang 34.8 44 61 52.0

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Ben Gupta 79.9 52 82 71.3

Ben Armstrong 12.1 77 86 17.7

Ben Dan 57.9 40 69 84.1

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Ben Boi 14.9 82 97 70.1

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Ben JohnChris 82.1 17 70 86.8

Ben Charles 74.5 44 90 41.1

Ben hello 16.6 15 76 22.0

Ben Mitch 77.0 2 39 63.3

Ben Amel 17.3 66 97 93.2

Ben HelloWorld 19.9 17 70 80.6

Ben Huang 51.9 19 57 67.7

Ben Squid 26.1 17 45 41.2

Ben Yonas 68.7 83 94 4.8

Ben Armstrong 14.7 4 18 8.4

Ben Gupta 76.7 48 70 17.2

Ben Raspberry 29.4 12 70 43.7

Ben ChrisJohn 31.7 18 89 60.9

Ben Weaspoppy 86.0 8 80 14.2

Ben Stefan 84.7 41 54 2.8

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Ben Binzly 15.3 72 82 24.3

Ben Yonas 42.1 50 93 32.3

Ben JohnChris 60.8 38 60 24.5

Ben Gupta 47.9 76 80 66.2

Ben Charles 84.0 32 88 61.4

Ben Norman 87.9 92 92 17.6

Ben Boi 90.5 91 97 16.1

Ben Weaspoppy 37.6 96 98 75.0

Ben Armstrong 27.5 50 64 45.0

Ben Huang 16.3 22 93 99.2

Ben Malek 75.4 27 32 67.5

Ben hello 28.5 45 52 55.1

Ben Stefan 6.9 65 84 46.8

Ben ChrisJohn 46.8 95 98 50.1

Ben HelloWorld 18.9 9 47 19.2

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Ben hello 65.5 7 56 21.3

Ben Boi 81.0 35 54 8.0

Ben Huang 10.5 1 11 73.1

Ben Charles 70.5 31 82 75.2

Ben ChrisJohn 91.9 37 66 9.2

Ben Raspberry 64.4 38 87 84.0

Ben JohnChris 42.4 36 94 11.9

Ben Squid 77.6 57 93 31.1

12

Ben Armstrong 34.1 66 67 42.0

Ben HelloWorld 82.8 33 79 52.5

Ben Yonas 58.1 8 92 5.6

Ben Malek 69.4 50 75 83.5

Ben ChrisJohn 15.0 83 88 33.8

Ben JohnChris 74.9 9 62 48.6

Ben Mitch 27.4 85 95 49.9

Ben Binzly 18.3 69 75 27.8

Ben hello 49.9 18 94 84.2

Ben Amel 23.0 18 94 69.1

Ben Norman 10.5 85 90 4.3

Ben Gupta 1.2 28 97 2.8

2

Ben Chakarayara 64.4 75 76 1.4

Ben Charles 69.2 76 86 49.3

9

Ben Yonas 33.2 71 83 62.1

Ben Mitch 85.2 20 94 79.4

Ben HelloWorld 71.6 8 92 89.7

Ben Huang 82.9 86 94 13.8

Ben hello 72.8 42 64 7.5

Ben Norman 65.6 90 99 95.7

Ben Weaspoppy 25.0 46 72 90.9

Ben Charles 97.6 16 18 30.7

Ben Squid 1.7 89 95 46.5

6

Ben Amel 37.1 75 81 21.1

Ben Dan 2.6 60 60 14.1

Ben hello 18.6 95 95 8.4

Ben Yonas 55.7 56 72 48.8

Ben Binzly 91.1 21 76 76.7

Ben Armstrong 48.5 80 93 18.6

17

Ben Norman 96.4 33 70 19.9

Ben Squid 28.8 25 74 87.5

Ben hello 89.6 65 79 38.5

Ben Raspberry 43.4 26 28 92.6

Ben Weaspoppy 70.1 46 87 97.2

Ben Huang 31.7 4 33 13.0

Ben Boi 46.4 52 87 28.7

Ben Malek 78.7 97 98 92.1

Ben HelloWorld 66.2 98 98 80.3

Ben Binzly 56.9 40 97 55.3

Ben JohnChris 70.4 77 93 88.7

Ben Gupta 93.9 13 55 99.6

Ben Armstrong 86.6 70 70 82.6

Ben Charles 39.2 84 90 20.7

Ben Mitch 83.0 12 14 14.3

Ben Yonas 65.5 21 41 69.1

Ben ChrisJohn 38.3 38 50 49.2

13

Ben hello 92.3 27 38 69.3

Ben ChrisJohn 37.5 46 69 43.1

Ben Charles 45.0 77 93 55.7

Ben Binzly 46.8 47 87 25.8

Ben Yonas 74.6 65 67 95.8

Ben Norman 27.2 43 62 26.7

Ben Stefan 73.2 86 86 44.1

Ben Raspberry 46.3 96 97 74.2

Ben Huang 70.2 63 96 79.2

Ben Mitch 7.4 6 61 77.2

Ben Amel 74.1 6 63 9.3

Ben Weaspoppy 2.6 87 93 25.4

Ben Boi 32.2 50 95 15.5

10

Ben Huang 79.6 88 98 13.4

Ben Squid 19.3 23 44 28.1

Ben Mitch 12.6 26 83 83.4

Ben Yonas 22.2 23 83 65.0

Ben Charles 7.6 75 84 32.5

Ben Armstrong 72.3 24 82 64.8

Ben Chakarayara 5.6 20 78 52.0

Ben Malek 34.6 9 90 0.4

Ben Gupta 34.6 31 81 77.4

Ben Stefan 94.2 55 73 46.7

2

Ben Charles 36.4 50 77 1.3

Ben Armstrong 83.4 85 95 48.9

6

Ben Squid 28.0 37 62 23.7

Ben HelloWorld 61.1 50 62 51.2

Ben ChrisJohn 8.3 59 80 8.5

Ben Chakarayara 64.1 17 34 13.4

Ben Yonas 41.9 81 95 43.3

Ben Amel 35.1 35 58 22.4

8

Ben Mitch 58.1 24 59 78.7

Ben Raspberry 23.2 47 74 6.0

Ben Squid 41.5 13 57 47.2

Ben Huang 85.1 35 51 91.4

Ben Gupta 46.9 90 90 41.7

Ben Dan 32.1 67 87 21.2

Ben Charles 97.1 46 94 64.5

Ben Weaspoppy 91.8 48 75 83.4

3

Ben Boi 42.5 10 22 64.2

Ben Squid 60.1 76 79 38.8

Ben Gupta 82.4 8 10 9.0

18

Ben Raspberry 67.2 46 53 97.3

Ben Gupta 80.5 37 70 64.7

Ben Norman 48.3 43 97 46.0

Ben hello 32.0 69 84 75.3

Ben JohnChris 92.3 99 99 93.4

Ben Huang 40.6 68 82 77.0

Ben Boi 29.3 83 83 42.8

Ben Yonas 43.3 10 74 96.6

Ben Amel 56.9 69 90 42.7

Ben Squid 1.6 17 69 6.1

Ben Charles 13.5 94 99 92.5

Ben ChrisJohn 21.8 80 86 13.9

Ben Mitch 60.5 46 61 10.6

Ben HelloWorld 46.1 47 96 69.2

Ben Weaspoppy 30.4 26 47 63.3

Ben Malek 48.4 7 42 20.1

Ben Armstrong 81.1 92 95 9.3

Ben Stefan 88.8 99 99 1.3

12

Ben Malek 71.4 21 81 34.1

Ben JohnChris 59.9 48 88 98.6

Ben Stefan 35.8 86 89 31.8

Ben Yonas 20.1 13 37 74.1

Ben Mitch 17.8 67 93 29.0

Ben Norman 17.5 40 65 7.5

Ben Squid 98.0 34 53 43.5

Ben Armstrong 8.9 26 91 46.8

Ben Raspberry 16.6 99 99 53.5

Ben Boi 56.3 76 86 59.4

Ben Amel 65.8 54 72 84.9

Ben Charles 98.7 77 98 29.9

7

Ben HelloWorld 66.4 89 91 70.6

Ben JohnChris 29.6 4 60 58.3

Ben Charles 15.4 94 97 81.5

Ben Chakarayara 0.7 18 93 72.9

Ben Yonas 93.2 74 92 93.0

Ben Weaspoppy 22.4 79 88 51.1

Ben hello 17.0 8 44 67.4

5

Ben Stefan 21.3 78 84 84.5

Ben Norman 91.9 58 88 72.4

Ben Armstrong 47.5 10 25 23.9

Ben Huang 57.3 0 73 73.7

Ben Binzly 20.0 90 93 9.5

6

Ben Gupta 84.4 18 49 25.4

Ben Weaspoppy 54.7 33 79 10.1

Ben Boi 14.2 40 57 44.9

Ben Stefan 85.7 21 50 56.7

Ben Raspberry 73.8 83 88 42.3

Ben JohnChris 77.5 70 95 57.3

1

Ben Squid 9.4 67 76 54.8

9

Ben Huang 1.4 40 80 85.4

Ben Squid 80.5 36 66 83.6

Ben JohnChris 68.0 57 74 20.4

Ben HelloWorld 76.7 29 55 42.9

Ben Malek 43.4 40 96 65.8

Ben hello 84.8 34 57 39.4

Ben Amel 70.6 18 69 46.5

Ben Charles 24.8 5 74 24.7

Ben Gupta 28.1 61 66 8.1

11

Ben Binzly 11.6 41 59 36.1

Ben Stefan 32.4 45 71 39.4

Ben Weaspoppy 48.6 26 40 33.6

Ben JohnChris 99.1 59 79 22.5

Ben Armstrong 86.9 50 60 64.8

Ben Boi 78.9 21 78 23.9

Ben Huang 68.3 23 51 85.2

Ben hello 42.6 2 57 81.0

Ben Norman 11.2 33 50 35.1

Ben Malek 63.0 70 89 96.0

Ben Squid 29.3 47 77 4.7

13

Ben Yonas 64.7 53 59 56.1

Ben Chakarayara 24.8 86 87 56.1

Ben Stefan 48.3 54 59 26.5

Ben Weaspoppy 73.1 69 88 69.7

Ben ChrisJohn 73.3 12 28 49.1

Ben Raspberry 53.1 81 95 7.7

Ben Armstrong 74.7 77 91 8.9

Ben hello 26.8 24 71 33.1

Ben Amel 5.6 74 82 35.5

Ben Mitch 50.9 37 38 81.3

Ben JohnChris 7.7 63 88 73.0

Ben Norman 59.1 19 99 32.2

Ben Huang 24.5 86 86 23.4

18

Ben Huang 76.2 10 83 19.2

Ben Binzly 9.5 98 98 81.1

Ben Chakarayara 16.9 8 87 68.7

Ben Yonas 53.7 51 55 32.8

Ben hello 69.6 4 9 18.4

Ben Weaspoppy 23.8 68 80 28.9

Ben JohnChris 55.5 43 70 62.8

Ben Amel 77.1 79 97 37.5

Ben Charles 64.6 5 59 11.7

Ben Boi 53.8 62 65 65.7

Ben Mitch 76.2 5 35 56.4

Ben ChrisJohn 85.9 34 71 38.8

Ben Armstrong 60.9 38 68 69.3

Ben HelloWorld 78.6 68 79 4.0

Ben Raspberry 55.9 63 68 39.1

Ben Malek 25.3 81 88 99.3

Ben Norman 1.2 87 93 37.2

Ben Squid 6.1 87 93 30.8

8

Ben Norman 11.0 74 97 16.1

Ben Boi 32.2 4 96 33.5

Ben Gupta 18.9 4 50 41.8

Ben Huang 3.6 77 96 52.1

Ben HelloWorld 13.7 71 79 38.5

Ben ChrisJohn 35.9 29 73 63.5

Ben Dan 47.8 14 61 47.5

Ben hello 58.2 45 70 88.4

2

Ben Stefan 19.1 2 6 97.2

Ben Binzly 33.4 78 97 10.6

19

Ben JohnChris 61.9 31 41 13.4

Ben HelloWorld 76.0 20 91 36.0

Ben Gupta 100.0 42 88 94.6

Ben Mitch 78.9 12 67 44.8

Ben Yonas 72.8 27 76 71.6

Ben Norman 10.8 1 97 91.1

Ben Malek 90.0 19 36 91.3

Ben Binzly 15.2 71 71 31.3

Ben Amel 82.8 55 71 27.7

Ben Huang 91.1 64 79 42.1

Ben Boi 44.2 83 89 47.7

Ben Stefan 89.1 38 77 60.0

Ben Chakarayara 18.8 32 66 14.4

Ben Squid 96.3 13 41 33.6

Ben ChrisJohn 53.7 2 63 71.7

Ben Charles 7.0 48 74 53.8

Ben Raspberry 74.7 59 75 56.5

Ben Weaspoppy 89.5 48 85 92.2

Ben hello 95.9 92 92 23.5

10

Ben Chakarayara 10.4 11 68 37.2

Ben Boi 76.6 62 76 64.7

Ben ChrisJohn 8.4 87 99 2.0

Ben JohnChris 82.3 5 37 85.0

Ben Raspberry 83.2 8 65 7.4

Ben Yonas 26.6 45 69 42.8

Ben Dan 77.9 97 98 50.2

Ben Binzly 74.3 26 39 90.5

Ben Huang 6.3 72 77 36.5

Ben Gupta 89.2 90 96 28.2

5

Ben Weaspoppy 92.9 21 99 12.7

Ben Chakarayara 94.2 1 20 67.0

Ben Armstrong 59.8 93 97 91.2

Ben Raspberry 30.4 67 69 21.7

Ben Dan 84.3 32 54 45.4

12

Ben Stefan 50.5 59 83 77.7

Ben Charles 27.7 22 86 93.7

Ben ChrisJohn 51.9 57 66 5.1

Ben Yonas 18.6 15 46 43.7

Ben Huang 55.5 58 98 74.5

Ben Squid 40.7 38 43 58.9

Ben hello 5.4 65 67 11.5

Ben Raspberry 40.7 69 99 20.3

Ben Amel 12.5 88 98 18.9

Ben Weaspoppy 44.1 11 44 86.0

Ben Mitch 22.8 74 75 86.7

Ben Boi 23.6 16 50 85.4

3

Ben hello 4.8 20 98 17.7

Ben Norman 9.3 61 65 23.6

Ben Malek 91.9 45 49 58.1

7

Ben Gupta 43.4 49 57 25.4

Ben Malek 9.7 31 37 57.0

Ben hello 17.1 16 83 93.7

Ben Yonas 71.8 77 93 42.0

Ben Huang 51.3 94 95 81.7

Ben Raspberry 69.4 39 48 78.9

Ben Dan 22.2 95 96 55.6

13

Ben Boi 2.2 88 97 69.0

Ben Raspberry 36.8 64 83 97.1

Ben hello 42.9 30 78 5.1

Ben Malek 32.7 84 99 41.0

Ben Binzly 55.6 23 64 82.3

Ben Huang 36.6 69 95 34.4

Ben Weaspoppy 87.0 72 98 3.1

Ben Amel 53.0 88 93 37.3

Ben HelloWorld 56.3 43 56 8.8

Ben Squid 51.2 31 88 23.2

Ben Chakarayara 76.8 83 83 97.6

Ben Armstrong 69.8 34 90 54.5

Ben Charles 75.0 73 83 11.6

3

Ben Norman 24.6 32 58 7.9

Ben Huang 78.5 51 82 10.9

Ben Weaspoppy 92.7 35 80 15.3

13

Ben Boi 56.6 57 72 85.4

Ben hello 75.9 70 79 2.9

Ben Stefan 14.8 95 99 27.9

Ben Norman 15.3 18 98 53.7

Ben JohnChris 99.6 39 57 7.9

Ben Binzly 72.6 32 71 85.8

Ben Armstrong 33.3 46 96 61.6

Ben Malek 40.4 12 96 16.1

Ben Dan 1.2 61 68 14.5

Ben Squid 6.7 88 93 34.3

Ben Gupta 94.8 49 59 56.0

Ben Mitch 10.6 1 95 71.4

Ben Charles 97.8 50 56 8.5

2

Ben Squid 85.6 71 96 41.2

Ben Norman 6.9 10 58 41.9

11

Ben Chakarayara 11.5 65 76 36.5

Ben JohnChris 68.7 10 99 94.2

Ben Stefan 66.2 91 93 44.2

Ben Charles 59.0 23 51 89.1

Ben Malek 80.8 34 80 67.0

Ben Weaspoppy 51.9 83 94 59.6

Ben Gupta 80.0 21 56 31.5

Ben Binzly 74.3 80 86 45.0

Ben Huang 62.3 36 38 8.8

Ben Yonas 66.3 71 93 60.5

Ben Amel 30.6 55 69 15.0

16

Ben hello 87.7 54 82 43.2

Ben Charles 7.1 25 60 70.8

Ben Weaspoppy 50.6 2 89 8.0

Ben Yonas 50.1 44 63 95.6

Ben Squid 16.8 60 80 24.6

Ben Boi 85.9 20 51 3.5

Ben Huang 60.3 19 34 21.3

Ben JohnChris 8.0 98 98 79.9

Ben Malek 44.9 35 86 25.2

Ben Gupta 87.6 87 88 44.5

Ben Stefan 12.6 73 75 83.8

Ben Norman 93.3 3 48 50.6

Ben HelloWorld 37.4 96 97 66.1

Ben ChrisJohn 59.6 68 95 32.3

Ben Amel 98.3 92 93 81.0

Ben Binzly 62.4 38 64 61.3

18

Ben Binzly 14.0 9 38 56.1

Ben Dan 95.3 13 90 39.5

Ben Huang 8.0 49 71 95.3

Ben Charles 30.0 63 97 98.7

Ben JohnChris 2.4 0 20 58.0

Ben Weaspoppy 19.9 10 68 19.8

Ben Mitch 16.7 51 90 35.5

Ben Amel 63.3 44 50 49.0

Ben Raspberry 76.0 50 81 61.9

Ben ChrisJohn 19.6 78 84 12.3

Ben Norman 14.1 30 98 46.2

Ben Gupta 65.9 70 80 74.3

Ben Chakarayara 15.0 36 56 91.6

Ben Malek 97.2 54 88 60.0

Ben Boi 72.6 39 77 14.0

Ben HelloWorld 40.3 78 97 34.4

Ben Squid 86.3 21 76 20.9

Ben hello 77.9 19 49 29.8

16

Ben ChrisJohn 23.8 0 77 52.5

Ben hello 11.7 2 5 85.1

Ben Yonas 86.3 85 93 57.9

Ben Mitch 43.0 75 97 23.8

Ben Dan 12.2 84 84 80.6

Ben HelloWorld 50.6 48 57 5.3

Ben Huang 64.9 35 91 80.8

Ben Weaspoppy 89.4 16 38 96.4

Ben Armstrong 42.1 0 6 7.3

Ben Norman 13.9 70 86 71.0

Ben JohnChris 6.7 59 61 54.6

Ben Gupta 57.2 18 87 35.0

Ben Raspberry 93.8 92 98 30.7

Ben Amel 7.3 39 50 85.6

Ben Malek 96.1 69 89 0.4

Ben Boi 30.0 1 10 96.0

19

Ben Norman 92.0 3 70 67.6

Ben Weaspoppy 64.4 57 65 30.4

Ben Mitch 10.0 64 77 0.1

Ben Malek 2.7 79 80 88.9

Ben Boi 87.4 53 59 90.2

Ben hello 96.6 17 77 42.8

Ben Raspberry 30.0 63 77 5.8

Ben HelloWorld 95.8 89 99 97.6

Ben Chakarayara 4.5 55 75 19.4

Ben Yonas 76.7 51 95 41.2

Ben Stefan 88.5 97 99 94.3

Ben Armstrong 6.7 60 78 0.2

Ben Gupta 92.7 62 95 98.1

Ben Amel 15.0 76 81 64.5

Ben Binzly 84.7 4 76 20.9

Ben Squid 71.7 62 64 92.3

Ben Charles 71.1 54 60 65.7

Ben Dan 48.8 14 71 20.5

Ben ChrisJohn 19.6 76 87 82.3

11

Ben Binzly 85.7 60 85 47.8

Ben JohnChris 42.7 34 80 53.2

Ben hello 37.1 79 84 67.8

Ben Charles 88.2 41 43 17.5

Ben Stefan 49.2 43 46 69.2

Ben Yonas 32.1 72 73 39.3

Ben Chakarayara 26.5 23 57 30.2

Ben Amel 36.5 62 63 98.7

Ben Norman 39.3 35 69 9.3

Ben Weaspoppy 26.7 99 99 54.2

Ben Gupta 42.9 48 76 49.0

18

Ben Mitch 15.1 94 97 51.8

Ben Huang 98.0 14 45 56.1

Ben Charles 60.5 13 70 99.6

Ben HelloWorld 74.1 50 51 59.5

Ben hello 54.7 56 81 99.0

Ben Dan 50.3 23 46 13.0

Ben Armstrong 15.4 7 8 30.8

Ben Boi 30.9 36 42 11.5

Ben Gupta 78.9 51 72 91.5

Ben Weaspoppy 19.1 90 95 85.8

Ben Squid 29.4 71 99 13.0

Ben Malek 92.1 34 80 66.4

Ben Norman 48.0 92 93 16.2

Ben Amel 0.6 86 89 16.9

Ben Chakarayara 81.0 7 72 47.3

Ben Yonas 45.8 51 59 30.7

Ben ChrisJohn 26.1 27 58 38.9

Ben Binzly 92.9 81 96 65.8

**Example Output to Screen**Ben Gonzales, Ben Yonas, Ben Armstrong

Ben Davis, Ben Stiller, Ben Gonzales, Ben Yonas, Ben Franklin, Ben Armstrong

Ben Bakhit, Ben Norman, Ben Binzley, Ben Alexander, Ben Gonzales, Ben Jackson, Ben Yonas, Ben Davis, Ben Bui, Ben Armstrong, Ben MeHere, Ben Mitchell

Ben Squid, Ben Shrittey, Ben Aayyysh, Ben Ranik, Ben Charlie, Ben Malek, Ben Rasppberry, Ben Boi, Ben Jenga, Ben Stefean

Ben Yonas, Ben Raspberry, Ben Dan, Ben Stefan, Ben JohnChris, Ben Charles, Ben Mitch, Ben Huang, Ben Boi, Ben Malek, Ben Chakarayara, Ben hello, Ben Amel, Ben Weaspoppy, Ben HelloWorld, Ben Binzly, Ben ChrisJohn

Ben HelloWorld, Ben Chakarayara, Ben Squid, Ben Mitch, Ben Armstrong, Ben Dan, Ben Huang, Ben JohnChris, Ben Charles, Ben Malek, Ben Raspberry, Ben Binzly, Ben ChrisJohn, Ben hello, Ben Gupta

Ben Norman

Ben Norman, Ben Weaspoppy, Ben hello, Ben Charles, Ben Chakarayara, Ben Huang, Ben Amel, Ben Stefan

Ben Dan, Ben Binzly, Ben Mitch, Ben Chakarayara, Ben JohnChris, Ben Squid

Ben Chakarayara, Ben ChrisJohn

Ben Huang, Ben Weaspoppy, Ben JohnChris, Ben Squid, Ben Gupta, Ben Stefan, Ben Amel, Ben Norman, Ben Yonas, Ben Armstrong, Ben Mitch, Ben Charles, Ben Boi, Ben Binzly

Ben Gupta, Ben ChrisJohn, Ben Armstrong, Ben Malek, Ben Yonas, Ben Dan, Ben Binzly, Ben Amel, Ben JohnChris, Ben Raspberry, Ben HelloWorld, Ben Charles, Ben Stefan, Ben Huang, Ben Squid, Ben Mitch, Ben Boi, Ben Norman, Ben Chakarayara, Ben Weaspoppy

Ben JohnChris, Ben Amel, Ben Charles, Ben Binzly, Ben Boi, Ben Gupta, Ben hello, Ben Mitch, Ben Armstrong, Ben Malek, Ben HelloWorld, Ben Raspberry

Ben Squid, Ben Mitch, Ben Huang, Ben Amel, Ben HelloWorld, Ben Binzly, Ben Yonas

Ben hello, Ben Mitch, Ben Amel, Ben Malek, Ben Norman, Ben Huang, Ben Chakarayara, Ben Boi

Ben Weaspoppy, Ben Chakarayara, Ben Huang, Ben Boi, Ben Mitch, Ben ChrisJohn, Ben Dan, Ben Squid, Ben Amel, Ben Malek, Ben Armstrong, Ben Yonas, Ben Stefan, Ben HelloWorld, Ben Gupta, Ben Raspberry

Ben ChrisJohn, Ben Dan, Ben Yonas, Ben Charles, Ben Weaspoppy, Ben Norman, Ben Binzly, Ben Boi, Ben Gupta, Ben Chakarayara, Ben Stefan, Ben Huang, Ben Armstrong, Ben hello, Ben HelloWorld

Ben HelloWorld

Ben Huang, Ben Gupta, Ben Stefan, Ben Amel, Ben Weaspoppy, Ben JohnChris, Ben Chakarayara, Ben hello, Ben Charles, Ben Dan, Ben Mitch, Ben Malek, Ben Boi, Ben Yonas, Ben Binzly

Ben Norman, Ben Squid, Ben hello, Ben Chakarayara, Ben Huang

Ben hello, Ben Huang

Ben Yonas, Ben Stefan, Ben JohnChris, Ben Armstrong, Ben HelloWorld, Ben Dan, Ben ChrisJohn, Ben Gupta, Ben Binzly, Ben Charles

Ben Binzly, Ben Charles, Ben Norman, Ben Squid, Ben JohnChris

Ben Gupta, Ben HelloWorld, Ben Amel, Ben Charles, Ben Binzly, Ben Norman, Ben ChrisJohn, Ben Raspberry, Ben Huang, Ben Malek, Ben Squid, Ben JohnChris, Ben Mitch, Ben Armstrong, Ben Dan

Ben Yonas, Ben Chakarayara, Ben Weaspoppy, Ben Huang, Ben Norman, Ben Boi, Ben Dan

Ben Armstrong, Ben ChrisJohn, Ben Norman, Ben Dan

Ben HelloWorld, Ben Binzly, Ben Malek, Ben Chakarayara, Ben Mitch, Ben Armstrong, Ben Weaspoppy, Ben Boi, Ben Yonas, Ben ChrisJohn, Ben Amel, Ben JohnChris, Ben Charles, Ben Stefan, Ben hello

Ben Weaspoppy, Ben Charles, Ben HelloWorld, Ben Raspberry, Ben Chakarayara, Ben Yonas, Ben Gupta, Ben Amel, Ben Stefan, Ben Mitch, Ben Boi, Ben Squid, Ben JohnChris

Ben Yonas, Ben Raspberry, Ben Gupta, Ben Armstrong, Ben Dan, Ben Malek, Ben Amel, Ben Huang, Ben Stefan, Ben Mitch, Ben HelloWorld, Ben Weaspoppy

Ben Amel, Ben hello, Ben Gupta, Ben Raspberry, Ben Huang, Ben Dan, Ben Squid, Ben Charles, Ben JohnChris, Ben Chakarayara, Ben Boi, Ben Weaspoppy, Ben ChrisJohn, Ben Norman, Ben Mitch

Ben Armstrong, Ben Malek, Ben Chakarayara, Ben Weaspoppy

Ben Yonas, Ben Stefan, Ben Chakarayara, Ben Norman, Ben Amel, Ben Squid, Ben Mitch, Ben Binzly, Ben hello, Ben Huang, Ben Charles

Ben HelloWorld, Ben JohnChris, Ben Norman, Ben Huang, Ben Gupta, Ben Stefan, Ben Charles, Ben Malek, Ben Amel, Ben Dan, Ben Raspberry, Ben Mitch, Ben Boi, Ben Weaspoppy, Ben Binzly

Ben Amel, Ben HelloWorld, Ben Gupta, Ben Mitch

Ben Squid, Ben Stefan

Ben Mitch, Ben Malek, Ben ChrisJohn, Ben Charles, Ben Squid

Ben Amel, Ben ChrisJohn, Ben Squid, Ben Norman, Ben Boi, Ben Stefan, Ben HelloWorld, Ben Malek, Ben hello, Ben Dan

Ben Raspberry, Ben hello

Ben Amel, Ben Squid, Ben Dan, Ben Binzly, Ben Charles, Ben Huang, Ben hello, Ben Yonas, Ben HelloWorld, Ben JohnChris, Ben Raspberry, Ben Stefan, Ben Mitch, Ben ChrisJohn, Ben Weaspoppy

Ben JohnChris, Ben Huang, Ben hello, Ben Norman, Ben Malek, Ben Boi, Ben Mitch, Ben Weaspoppy, Ben Amel, Ben Raspberry, Ben HelloWorld, Ben Yonas, Ben Binzly, Ben Armstrong, Ben Dan, Ben ChrisJohn, Ben Stefan, Ben Chakarayara

Ben Chakarayara, Ben Norman, Ben Dan, Ben Yonas, Ben Malek, Ben Binzly, Ben hello, Ben Gupta, Ben Huang, Ben Weaspoppy, Ben Mitch, Ben ChrisJohn, Ben Boi, Ben Stefan, Ben JohnChris, Ben HelloWorld, Ben Charles, Ben Raspberry, Ben Amel

Ben Raspberry, Ben Armstrong, Ben ChrisJohn, Ben hello, Ben Norman, Ben JohnChris

Ben Mitch, Ben Charles, Ben Weaspoppy, Ben Stefan, Ben ChrisJohn, Ben Raspberry

Ben Binzly, Ben Charles, Ben Squid, Ben Yonas, Ben Norman, Ben ChrisJohn, Ben Boi, Ben Stefan, Ben Raspberry, Ben Chakarayara, Ben JohnChris, Ben hello, Ben HelloWorld

Ben Binzly, Ben Yonas, Ben Norman, Ben Stefan, Ben Boi, Ben Huang, Ben JohnChris, Ben Dan, Ben Raspberry, Ben Amel, Ben Malek, Ben ChrisJohn, Ben hello, Ben Armstrong, Ben Squid

Ben Binzly, Ben JohnChris, Ben ChrisJohn, Ben Stefan, Ben HelloWorld, Ben Malek, Ben Gupta, Ben Dan, Ben Weaspoppy, Ben Charles, Ben Amel, Ben Chakarayara, Ben Huang, Ben Raspberry

Ben hello

Ben Huang, Ben JohnChris, Ben Squid

Ben Charles, Ben Raspberry, Ben Malek, Ben Boi

Ben Weaspoppy, Ben ChrisJohn, Ben Raspberry, Ben Chakarayara, Ben Armstrong, Ben hello, Ben Binzly, Ben Charles, Ben Yonas, Ben Gupta, Ben Norman, Ben Boi, Ben JohnChris, Ben HelloWorld

Ben Gupta

Ben JohnChris, Ben Squid, Ben Boi, Ben Charles, Ben Raspberry, Ben Dan, Ben ChrisJohn, Ben Amel, Ben hello, Ben Mitch, Ben Norman, Ben Chakarayara, Ben HelloWorld, Ben Binzly, Ben Weaspoppy, Ben Malek, Ben Armstrong, Ben Gupta, Ben Huang

Ben Norman, Ben Stefan, Ben Weaspoppy, Ben Yonas, Ben Raspberry, Ben Charles, Ben Boi, Ben HelloWorld, Ben Chakarayara, Ben Malek, Ben Dan, Ben Armstrong, Ben Binzly, Ben hello, Ben JohnChris, Ben Gupta, Ben Squid, Ben Amel

Ben Squid, Ben Raspberry, Ben Amel, Ben hello, Ben ChrisJohn, Ben HelloWorld, Ben Gupta, Ben Yonas, Ben Malek, Ben Mitch, Ben Stefan, Ben Norman, Ben Charles, Ben Weaspoppy, Ben Chakarayara

Ben Dan, Ben Gupta, Ben Malek, Ben Stefan, Ben Binzly, Ben Huang, Ben Armstrong, Ben Amel, Ben Mitch, Ben Norman, Ben Yonas, Ben Chakarayara, Ben ChrisJohn

Ben Mitch, Ben Huang, Ben Gupta, Ben Charles, Ben Armstrong, Ben Malek, Ben Raspberry, Ben hello, Ben ChrisJohn, Ben Squid, Ben Amel, Ben Boi, Ben Dan, Ben Yonas, Ben Binzly, Ben JohnChris, Ben Chakarayara, Ben Weaspoppy

Ben Squid, Ben Huang, Ben HelloWorld, Ben Weaspoppy, Ben Armstrong, Ben ChrisJohn, Ben Dan, Ben hello, Ben Malek, Ben Chakarayara, Ben Gupta, Ben Raspberry

Ben HelloWorld, Ben Weaspoppy, Ben Yonas

Ben Norman, Ben Squid

Ben Raspberry, Ben JohnChris, Ben Binzly, Ben hello, Ben Mitch, Ben Stefan, Ben HelloWorld, Ben ChrisJohn, Ben Weaspoppy, Ben Charles, Ben Huang, Ben Armstrong, Ben Norman, Ben Boi, Ben Chakarayara, Ben Amel, Ben Gupta, Ben Dan, Ben Malek

Ben Armstrong, Ben Huang, Ben JohnChris, Ben Boi, Ben Dan, Ben Amel, Ben Chakarayara, Ben Malek, Ben Gupta, Ben Stefan

Ben Armstrong, Ben Boi, Ben hello, Ben Amel, Ben HelloWorld, Ben Chakarayara, Ben Norman, Ben Squid, Ben Raspberry, Ben ChrisJohn, Ben Huang, Ben Malek, Ben Yonas, Ben Charles, Ben Gupta, Ben Mitch, Ben JohnChris, Ben Binzly, Ben Stefan, Ben Weaspoppy

Ben Stefan, Ben Binzly, Ben Huang, Ben HelloWorld, Ben Armstrong, Ben hello, Ben Weaspoppy, Ben Yonas, Ben ChrisJohn, Ben Gupta, Ben JohnChris, Ben Malek, Ben Charles, Ben Norman, Ben Boi

Ben Huang, Ben JohnChris, Ben Raspberry, Ben hello, Ben Charles, Ben Squid, Ben Boi, Ben ChrisJohn

Ben Gupta, Ben Norman, Ben ChrisJohn, Ben Binzly, Ben Amel, Ben Mitch, Ben Armstrong, Ben hello, Ben Yonas, Ben Malek, Ben JohnChris, Ben HelloWorld

Ben Chakarayara, Ben Charles

Ben Squid, Ben Weaspoppy, Ben Yonas, Ben Norman, Ben HelloWorld, Ben hello, Ben Huang, Ben Mitch, Ben Charles

Ben Dan, Ben hello, Ben Amel, Ben Armstrong, Ben Yonas, Ben Binzly

Ben Squid, Ben Huang, Ben ChrisJohn, Ben Charles, Ben Raspberry, Ben Boi, Ben Binzly, Ben Yonas, Ben HelloWorld, Ben Weaspoppy, Ben JohnChris, Ben Malek, Ben Mitch, Ben Armstrong, Ben hello, Ben Gupta, Ben Norman

Ben Weaspoppy, Ben Mitch, Ben Norman, Ben Boi, Ben ChrisJohn, Ben Charles, Ben Raspberry, Ben Binzly, Ben Huang, Ben Stefan, Ben Amel, Ben Yonas, Ben hello

Ben Chakarayara, Ben Charles, Ben Mitch, Ben Squid, Ben Yonas, Ben Gupta, Ben Malek, Ben Armstrong, Ben Huang, Ben Stefan

Ben Charles, Ben Armstrong

Ben ChrisJohn, Ben Squid, Ben Amel, Ben Yonas, Ben HelloWorld, Ben Chakarayara

Ben Raspberry, Ben Dan, Ben Squid, Ben Gupta, Ben Mitch, Ben Huang, Ben Weaspoppy, Ben Charles

Ben Boi, Ben Squid, Ben Gupta

Ben Squid, Ben Charles, Ben ChrisJohn, Ben Boi, Ben Weaspoppy, Ben hello, Ben Huang, Ben Yonas, Ben HelloWorld, Ben Norman, Ben Malek, Ben Amel, Ben Mitch, Ben Raspberry, Ben Gupta, Ben Armstrong, Ben Stefan, Ben JohnChris

Ben Armstrong, Ben Raspberry, Ben Norman, Ben Mitch, Ben Yonas, Ben Stefan, Ben Boi, Ben JohnChris, Ben Amel, Ben Malek, Ben Squid, Ben Charles

Ben Chakarayara, Ben Charles, Ben hello, Ben Weaspoppy, Ben JohnChris, Ben HelloWorld, Ben Yonas

Ben Binzly, Ben Stefan, Ben Armstrong, Ben Huang, Ben Norman

Ben Boi, Ben Weaspoppy, Ben Raspberry, Ben JohnChris, Ben Gupta, Ben Stefan

Ben Squid

Ben Huang, Ben Charles, Ben Gupta, Ben Malek, Ben JohnChris, Ben Amel, Ben HelloWorld, Ben Squid, Ben hello

Ben Norman, Ben Binzly, Ben Squid, Ben Stefan, Ben hello, Ben Weaspoppy, Ben Malek, Ben Huang, Ben Boi, Ben Armstrong, Ben JohnChris

Ben Amel, Ben JohnChris, Ben Huang, Ben Chakarayara, Ben hello, Ben Stefan, Ben Mitch, Ben Raspberry, Ben Norman, Ben Yonas, Ben Weaspoppy, Ben ChrisJohn, Ben Armstrong

Ben Norman, Ben Squid, Ben Binzly, Ben Chakarayara, Ben Weaspoppy, Ben Malek, Ben Yonas, Ben Boi, Ben JohnChris, Ben Raspberry, Ben Armstrong, Ben Charles, Ben hello, Ben Mitch, Ben Huang, Ben Amel, Ben HelloWorld, Ben ChrisJohn

Ben Huang, Ben Norman, Ben HelloWorld, Ben Gupta, Ben Boi, Ben ChrisJohn, Ben Dan, Ben hello

Ben Stefan, Ben Binzly

Ben Charles, Ben Norman, Ben Binzly, Ben Chakarayara, Ben Boi, Ben ChrisJohn, Ben JohnChris, Ben Yonas, Ben Raspberry, Ben HelloWorld, Ben Mitch, Ben Amel, Ben Stefan, Ben Weaspoppy, Ben Malek, Ben Huang, Ben hello, Ben Squid, Ben Gupta

Ben Huang, Ben ChrisJohn, Ben Chakarayara, Ben Yonas, Ben Binzly, Ben Boi, Ben Dan, Ben JohnChris, Ben Raspberry, Ben Gupta

Ben Raspberry, Ben Armstrong, Ben Dan, Ben Weaspoppy, Ben Chakarayara

Ben hello, Ben Amel, Ben Yonas, Ben Mitch, Ben Boi, Ben Charles, Ben Squid, Ben Raspberry, Ben Weaspoppy, Ben Stefan, Ben ChrisJohn, Ben Huang

Ben hello, Ben Norman, Ben Malek

Ben Malek, Ben hello, Ben Dan, Ben Gupta, Ben Huang, Ben Raspberry, Ben Yonas

Ben Boi, Ben Malek, Ben Huang, Ben Raspberry, Ben hello, Ben Squid, Ben Amel, Ben Binzly, Ben HelloWorld, Ben Armstrong, Ben Charles, Ben Chakarayara, Ben Weaspoppy

Ben Norman, Ben Huang, Ben Weaspoppy

Ben Dan, Ben Squid, Ben Mitch, Ben Stefan, Ben Norman, Ben Armstrong, Ben Malek, Ben Boi, Ben Binzly, Ben hello, Ben Gupta, Ben Charles, Ben JohnChris

Ben Norman, Ben Squid

Ben Chakarayara, Ben Amel, Ben Weaspoppy, Ben Charles, Ben Huang, Ben Stefan, Ben Yonas, Ben JohnChris, Ben Binzly, Ben Gupta, Ben Malek

Ben Charles, Ben JohnChris, Ben Stefan, Ben Squid, Ben HelloWorld, Ben Malek, Ben Yonas, Ben Weaspoppy, Ben ChrisJohn, Ben Huang, Ben Binzly, Ben Boi, Ben Gupta, Ben hello, Ben Norman, Ben Amel

Ben JohnChris, Ben Huang, Ben Binzly, Ben Norman, Ben Chakarayara, Ben Mitch, Ben ChrisJohn, Ben Weaspoppy, Ben Charles, Ben HelloWorld, Ben Amel, Ben Gupta, Ben Boi, Ben Raspberry, Ben hello, Ben Squid, Ben Dan, Ben Malek

Ben JohnChris, Ben Amel, Ben hello, Ben Dan, Ben Norman, Ben ChrisJohn, Ben Boi, Ben Armstrong, Ben Mitch, Ben HelloWorld, Ben Gupta, Ben Huang, Ben Yonas, Ben Weaspoppy, Ben Raspberry, Ben Malek

Ben Malek, Ben Chakarayara, Ben Armstrong, Ben Mitch, Ben Amel, Ben ChrisJohn, Ben Raspberry, Ben Dan, Ben Weaspoppy, Ben Charles, Ben Squid, Ben Yonas, Ben Binzly, Ben Boi, Ben Stefan, Ben Norman, Ben Gupta, Ben HelloWorld, Ben hello

Ben Chakarayara, Ben Weaspoppy, Ben Yonas, Ben Amel, Ben hello, Ben Norman, Ben JohnChris, Ben Gupta, Ben Stefan, Ben Binzly, Ben Charles

Ben Amel, Ben Mitch, Ben Armstrong, Ben Weaspoppy, Ben ChrisJohn, Ben Squid, Ben Boi, Ben Yonas, Ben Norman, Ben Dan, Ben hello, Ben Charles, Ben HelloWorld, Ben Gupta, Ben Chakarayara, Ben Malek, Ben Binzly, Ben Huang

**17. ChristMaths**

# Program Name: ChristMaths.java Input File: christmaths.dat

Sammy Klaws is finally finished giving all his presents to the good children, and he’s ready to call it a night. Sammy is feeling extra generous this Christmas, however, and decides to give all the children on the naughty list a second chance. He wants to see if the children have learned anything in their math classes, so he decides to give them basic arithmetic problems. Unfortunately, it turns out that Sammy dropped out of school a little too early in order to pursue the arts of gift giving and computer science, so he has no concept of order of operations. Instead, Sammy does each operation in the order that it is given to him. Given a mathematical expression and a child’s answer to the expression, determine whether Sammy will give them a present or not. Sammy will give the child a present if and only if the child’s answer to the expression is equal to what Sammy would have gotten. (Note: Sammy can use all 4 basic operators: +, -, \*, /. All division will be integer division.) All numbers in each mathematical expression will be single digits, although the answer may not be a single digit.

**Input**

The first line of input contains 1 integer n, the number of test cases to follow. The next n lines of input contain a mathematical expression and the child’s answer for the expression.

**Output**

Determine whether Santa will give the child a present. If Santa is willing to give the child a present, print out “Present for You”, and if he will not give the child a present, print out “Coal for You”.

**Goal**

The goal here is to evaluate a mathematical expression from left to right and see if the correct result is produced.

**Example Pseudocode Implementation**

for i in range 0 .. len:

do operator with digit

i += 2;

print(i == c)

**Judge Input File**

17

3+5\*4-2 30

4-6\*2+2 -6

6/2+5-1 7

4-5\*2+3-2+8 23

4-5\*2+3-2+8 7

3\*3/3\*3/3 3

3\*3/3\*3/3 4

8+9+1/1 18

8+9+1/1 19

2\*3\*5+8/2 19

2\*3\*5+8/2 34

1+2-3+4-5+6\*7 35

1+2-3+4-5+6\*7 41

6/3/1\*3+9\*3 45

6/3/1\*3+9\*3 33

8/4+2-4/1\*8 0

8/4+2-4/1\*8 -28

**Example Output to Screen**

Present for You

Coal for You

Present for You

Coal for You

Present for You

Present for You

Coal for You

Present for You

Coal for You

Present for You

Coal for You

Present for You

Coal for You

Present for You

Coal for You

Present for You

Coal for You

**18. Bodies**

# Program Name: Bodies.java Input File: bodies.dat

Mr. A just has killed somebody. He has tasked his butler, Tristan Weaselpopsicle, to dispose of the body at night. Mr. A has already identified possible sites to dispose of the body, but there are police officers who roam around, so Butler Weaselpopsicle must by very stealthy. Write a program to see if Tristan can dispose of the body without being caught by the police. Tristan can move in the four cardinal directions (north, west, south, east), but not diagonally.

**Input**

The first line represents the number of data sets to follow. In each data set the first line contains the rows and columns of the map, respectively. The next r lines will contain the map. The T represents where Tristan starts. There can be 1 to 3 S’s, which represents possible sites to dispose of the body. There can be 0 to 3 P’s, which represent police officers. Tristan can travel in any square except one space around a police officer, including diagonals, or a wall, denoted by a #. You can assume Tristan’s starting position won’t be right next to a police officer, but a possible site could be right next to a police officer, making it automatically inaccessible.

**Output**

Always output “Bravo Six Going Dark...” to signify that Tristan has started his night time mission. If it is possible for Tristan to dispose of the body without getting caught, output “at the end of the tunnel is a light” on the same line. Otherwise output “Mission Failed. We’ll get em next time.”

**Goal**

Just solving a simple maze with a small added constraint. Can’t go next to a ‘P’.

**Example Pseudocode Implementation**

Dijkstra’s with multiple exits and replace squares around Ps with walls before starting

**Judge Input File**

13

6 7

.S.####

.#P..##

T.##P##

...#..S

#....##

#####S.

5 5

.....

....S

..P.#

..#.#

T...#

2 2

T.

.S

4 6

#...SP

.....S

#.##..

T..P.S

6 7

......S

.##..##

T.P#P##

...#..S

#....##

#####S.

6 7

.S.####

.#P..##

..#.T##

...#S..

#...P##

#####S.

7 7

...S...

.P..###

.......

P..T..P

.......

..###..

...S...

7 7

S......

.#..###

...S...

P.##..P

.......

...##..

P.....T

20 20

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.TSP................

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20 20

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.T..................

...P...#############

.P..................

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20 20

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20 20

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P.........T.........

S...................

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...................P

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**Example Output to Screen**

Bravo Six Going Dark... Mission Failed. We'll get em next time.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... Mission Failed. We'll get em next time.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... Mission Failed. We'll get em next time.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... at the end of the tunnel is a light.

Bravo Six Going Dark... Mission Failed. We'll get em next time.

Bravo Six Going Dark... Mission Failed. We'll get em next time.