

Create the codes that will print a list of all permutations of the letters in the word 'HONESTY'.

Code:

midterm1.py X

midterm1.py > ...

```
1  from itertools import permutations
2
3  word = 'HONESTY'
4  permutations_list = list(permutations(word))
5
6  for perm in permutations_list:
7      print(''.join(perm))
```

## Output:

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	PORTS	TEYHONS	TSHEYON	TSNOEHY	TSYHONE	TYHESON	TYNOEHS	TYSHONE	YHOTESN
					TEYHOSN	TSHEYNO	TSNOEYH	TSYHOEN	TYHESNO	TYNOESH	TYSHOEN	YHOTSNE
					TEYHNOS	TSHYONE	TSNOYHE	TSYHNOE	TYHSONE	TYNOSHE	TYSHNOE	YHOTSSEN
TENOHYS					TEYHNSO	TSHYOEN	TSNOYEH	TSYHNEO	TYHSOEN	TYNOSEH	TYSHNEO	YHNOEST
TENOSHY					TEYHSON	TSHYNOE	TSNEHOY	TSYHEON	TYHSNOE	TYNEHOS	TYSHOEN	YHNOETS
TENOVHS					TEYHSNO	TSHYNEO	TSNEHYO	TSYHENO	TYHSNEO	TYNEHSO	TYSHENO	YHNOSET
TENOVSH					TEYOHNS	TSHYEON	TSNEOHY	TSYOHNE	TYHSEON	TYNEOHS	TYSOHNE	YHNOSTE
TENSHOY					TEYOHSN	TSHYENO	TSNEOYH	TSYOHEN	TYHSENO	TYNEOSH	TYSOHEN	YHNOTES
TENSHYO					TEYONHS	TSOHNEY	TSNEYHO	TSYONHE	TYOHNES	TYNESHO	TYSONHE	YHNOTSE
TENSOHY					TEYONSH	TSOHNYE	TSNEYOH	TSYONEH	TYOHNSE	TYNESOH	TYSONEH	YHNEOST
TENSOYH					TEYOSHIN	TSOHENY	TSNYHOE	TSYOEHN	TYOHENS	TYNSHOE	TYSOEHN	YHNEOTS
TENSYHO					TEYOSNH	TSOHEYN	TSNYHEO	TSYOENH	TYOHESN	TYNSHEO	TYSOENH	YHNESOT
TENSYOH					TEYNHOS	TSOHYNE	TSNYOHE	TSYNIHOE	TYOHSNE	TYNSOHE	TYSNHOE	YHNESTO
TENYHOS					TEYNHSH	TSOHYEN	TSNYOEH	TSYNIHOE	TYOHSEN	TYNSOEH	TYSNHEO	YHNETOS
TENYHSO					TEYNOHS	TSONHEY	TSNYEHO	TSYNOHE	TYONHES	TYNSEHO	TYSNOHE	YHNETSO
TENYOHS					TEYNOSH	TSONHYE	TSNYEOH	TSYNOEH	TYONHSE	TYNSEOH	TYSNOEH	YHNSOET
TENYOSH					TEYNSHO	TSONEHY	TSEHONY	TSYNEHO	TYONEHS	TYEHONS	TYSNEHO	YHNSOTE
TENYSHO					TEYNSOH	TSONEYH	TSEHOYN	TSYNEOH	TYONESH	TYEHOSN	TYSNEOH	YHNSEOT
TENYSOH					TEYSHON	TSONYHE	TSEHNOY	TSYEHON	TYONSHE	TYEHINOS	TYSEHON	YHNSETO
TESHONY					TEYSHNO	TSONYEH	TSEHNYO	TSYEHNO	TYONSEH	TYEHINSO	TYSEHNO	YHNSTOE
TESHOYN					TEYSOHN	TSOEHNY	TSEHYON	TSYEOHN	TYOEHNS	TYEHSON	TYSEOHN	YHNSTEO
TESHINOY					TEYSONH	TSOEHYN	TSEHYNO	TSYEONH	TYOEHSN	TYEHSNO	TYSEONH	YHNTOE
TESHYON					TEYSNIHO	TSOENHY	TSEOHNY	TSYENHO	TYOENHS	TYEOHNS	TYSENHO	YHNTOSE
TESHYNO					TEYSNOH	TSOENYH	TSEOHYN	TSYENOH	TYOENSH	TYEOHSN	TYSENOH	YHNTEOS
TESOHNY					TSHONEY	TSOEYHN	TSEONHY	TYHONES	TYOESHN	TYEONHS	YHONEST	YHNTESO
TESOHYN					TSHONYE	TSOEYNH	TSEONYH	TYHONSE	TYOESNH	TYEONSH	YHONETS	YHNTSOE
TESONHY					TSHOENY	TSOYHNE	TSEOYHN	TYHOENS	TYOSHNE	TYEOSHIN	YHONSET	YHNTSEO
TESONVH					TSHOEYN	TSOYHEN	TSEOYNH	TYHOESN	TYOSHEN	TYEOSNH	YHONSTE	YHEONST
TESOVHN					TSHOYNE	TSOYNHE	TSENHYO	TYHOSNE	TYOSNHE	TYENHOS	YHONTES	YHEONTS
TESOVNH					TSHOYEN	TSOYNEH	TSENHYO	TYHOSEN	TYOSNEH	TYENHSO	YHONTSE	YHEOSNT
TESNHOY					TSHNOEY	TSOYEHIN	TSENOHY	TYHNOES	TYOSEHN	TYENOHS	YHOENST	YHEOSTN
TESNHYO					TSHNOYE	TSOYENH	TSENOYH	TYHNOSE	TYOSENH	TYENOSH	YHOENTS	YHEOTNS
TESNOHY					TSHNEOY	TSNHOEY	TSENYHO	TYHNEOS	TYNHoes	TYENSHO	YHOESNT	YHEOTSN
TESNOYH					TSHNEYO	TSNHOEY	TSENYOH	TYHNESO	TYNHOSE	TYENSOH	YHOESTN	YHENOST
TESNYHO					TSHNYOE	TSNHOEY	TSEYHON	TYHNSOE	TYNHOS	TYESHON	YHOETNS	YHENOTS
TESNYOH					TSHNYEO	TSNHEOY	TSEYHNO	TYHNSEO	TYNHESO	TYESHNO	YHOETSN	YHENSOT
TESYHON					TSHEONY	TSNHYOE	TSEYOHN	TYHEONS	TYNHOS	TYESOHN	YHOSNET	YHENSTO
TESYHNO					TSHEOYN	TSNHYEO	TSEYONH	TYHEOSN	TYNHSEO	TYESONH	YHOSNTE	YHENTOS
TESYOHN					TSHENOY	TSNOHEY	TSEYNHO	TYHENOS	TYNOHES	TYESNHO	YHOSENT	YHENTSO
TESYONH					TSHENYO	TSNOHYE	TSEYNHO	TYHENSO	TYNOHSE	TYESNOH	YHOSETN	YHESONT

YTSEONH  
YTSENHO  
YTSENOH