

```
C:\Users\sirim\AppData\Local\Programs\Python\Python313\
python.exe C:\Users\sirim\wksp_python\GA1.py
Target Word : Hello World!
Max Population : 10
Mutation Rate : 0.2
-----
The BestFitness Time
-----
 @_7v} bEf:4u    8.33%  0:00:00.122981
 @_7l= KXhhs6   16.67%  0:00:00.170754
 H@7lQ 4Ef:4u   25.0%   0:00:00.239611
 H@AlQ SXhhd6   33.33%  0:00:00.243318
 H@7l; WXnhd6   41.67%  0:00:00.288127
 HZ}lQ Wonhd6   50.0%   0:00:00.774712
 H@lle Wonhd6   58.33%  0:00:00.909114
 H@lle Wonhd!   66.67%  0:00:00.930347
 H@ll/ Worhd!   75.0%   0:00:02.077200
 Helle Worhd!   83.33%  0:00:02.116109
 Helle World!   91.67%  0:00:02.173780
 Hello World!   100.0%  0:00:06.813398

===== Benchmarking Summary =====
Execution Time: 6.8142 seconds
Peak Memory Usage: 1037.02 KB
=====
          221826 function calls (221646 primitive calls
) in 6.816 seconds

Ordered by: internal time

      ncalls  tottime  percall  cumtime  percall filename:
lineno(function)
         9810    5.507    0.001    5.963    0.001  GA1.py:47
(mutation)
        39250    0.505    0.000    0.505    0.000  GA1.py:12
(calculate_fitness)
         9810    0.261    0.000    0.512    0.000  GA1.py:38
(crossover)
            1    0.121    0.121    6.816    6.816  GA1.py:79
(main)
       19852    0.092    0.000    0.092    0.000  {method '
```

join' of 'str' objects}					
47402	0.071	0.000	0.071	0.000	{built-in}
method builtins.chr}					
19697	0.053	0.000	0.053	0.000	{built-in}
method builtins.max}					
19643	0.041	0.000	0.094	0.000	GA1.py:69
(bestfitness)					
10/6	0.024	0.002	0.087	0.015	{built-in}
method _imp.exec_dynamic}					
9822	0.024	0.000	0.024	0.000	{built-in}
method builtins.round}					
10	0.022	0.002	0.022	0.002	{built-in}
method _imp.create_dynamic}					
39819/39817	0.017	0.000	0.017	0.000	{built-in}
method builtins.len}					
202	0.013	0.000	0.020	0.000	<frozen
importlib._bootstrap_external>:101(_path_join)					
80	0.009	0.000	0.009	0.000	{built-in}
method nt.stat}					
9	0.006	0.001	0.006	0.001	{built-in}
method _io.open_code}					
9	0.005	0.001	0.005	0.001	{built-in}
method marshal.loads}					
48	0.003	0.000	0.033	0.001	<frozen
importlib._bootstrap_external>:1624(find_spec)					
624	0.003	0.000	0.003	0.000	{method 'rstrip' of 'str' objects}
9	0.002	0.000	0.002	0.000	{method 'read' of '_io.BufferedReader' objects}
1	0.002	0.002	0.002	0.002	
_ufunc_config.py:464(inner)					
1	0.002	0.002	0.002	0.002	{built-in}
method _tracemalloc.stop}					
691	0.001	0.000	0.001	0.000	{method 'endswith' of 'str' objects}
310	0.001	0.000	0.001	0.000	{method 'append' of 'list' objects}
10	0.001	0.000	0.123	0.012	GA1.py:7(create_gen)
1	0.001	0.001	0.001	0.001	{built-in}
method builtins.eval}					

24	0.001	0.000	0.035	0.001	<frozen importlib._bootstrap>:1240(_find_spec)
24/1	0.001	0.000	0.121	0.121	<frozen importlib._bootstrap>:1349(_find_and_load)
15	0.001	0.000	0.001	0.000	{built-in method builtins.__build_class__}
450	0.001	0.000	0.001	0.000	{method ' startswith' of 'str' objects}
1	0.001	0.001	0.002	0.002	__init___. py:358(namedtuple)
22	0.001	0.000	0.001	0.000	{built-in method builtins.print}
28	0.001	0.000	0.002	0.000	<frozen importlib._bootstrap>:304(acquire)
24/1	0.001	0.000	0.120	0.120	<frozen importlib._bootstrap>:1304(_find_and_load_unlocked)
9	0.001	0.000	0.001	0.000	{method ' __exit__' of '_io._IOBase' objects}
28	0.001	0.000	0.001	0.000	<frozen importlib._bootstrap>:426(_get_module_lock)
1	0.001	0.001	0.002	0.002	<frozen importlib._bootstrap_external>:1675(_fill_cache)
23/1	0.001	0.000	0.118	0.118	<frozen importlib._bootstrap>:911(_load_unlocked)
18	0.001	0.000	0.004	0.000	<frozen importlib._bootstrap_external>:513(cache_from_source)
58/2	0.001	0.000	0.115	0.057	<frozen importlib._bootstrap>:480(_call_with_frames_removed)
9	0.001	0.000	0.018	0.002	<frozen importlib._bootstrap_external>:1093(get_code)
23	0.001	0.000	0.003	0.000	<frozen importlib._bootstrap>:733(_init_module_attrs)
133	0.001	0.000	0.001	0.000	{method ' rpartition' of 'str' objects}
10	0.001	0.000	0.001	0.000	{method ' reduce' of 'numpy.ufunc' objects}
28	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap>:372(release)
20	0.000	0.000	0.034	0.002	<frozen importlib._bootstrap_external>:1522(_get_spec)
12	0.000	0.000	0.001	0.000	GA1.py:72

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(display)
      19    0.000    0.000    0.001    0.000 <frozen
importlib._bootstrap_external>:833(
spec_from_file_location)
      4    0.000    0.000    0.000    0.000 {built-in
method _imp.exec_builtin}
     74    0.000    0.000    0.000    0.000 {method 'lower'
of 'str' objects}
     160    0.000    0.000    0.000    0.000 {built-in
method builtins.getattr}
     28    0.000    0.000    0.001    0.000 <frozen
importlib._bootstrap>:124(setdefault)
      1    0.000    0.000    0.000    0.000 {built-in
method nt.listdir}
      1    0.000    0.000    0.001    0.001 base64.py
:1(<module>)
   10/1    0.000    0.000    6.816    6.816 {built-in
method builtins.exec}
      1    0.000    0.000    0.001    0.001 threading
.py:1(<module>)
     18    0.000    0.000    0.000    0.000 <frozen
importlib._bootstrap_external>:137(_path_split)
      1    0.000    0.000    0.000    0.000 _parser.
py:511(_parse)
      1    0.000    0.000    0.006    0.006 random.py
:1(<module>)
   19/6    0.000    0.000    0.000    0.000 {built-in
method _abc._abc_subclasscheck}
     20    0.000    0.000    0.001    0.000 <frozen
importlib._bootstrap_external>:177(_path_isabs)
     28    0.000    0.000    0.001    0.000 <frozen
importlib._bootstrap>:162(__enter__)
     30    0.000    0.000    0.000    0.000 {built-in
method __new__ of type object at 0x00007FFB45C628A0}
      9    0.000    0.000    0.010    0.001 <frozen
importlib._bootstrap_external>:1214(get_data)
     28    0.000    0.000    0.000    0.000 <frozen
importlib._bootstrap>:74(__new__)
     19    0.000    0.000    0.001    0.000 <frozen
importlib._bootstrap_external>:1619(_get_spec)
      1    0.000    0.000    0.011    0.011 hmac.py:1
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(<module>
    80  0.000  0.000  0.009  0.000 <frozen
importlib._bootstrap_external>:145(_path_stat)
    39  0.000  0.000  0.000  0.000 {method 'partition' of 'str' objects}
    14  0.000  0.000  0.001  0.000 hashlib.
py:126(__get_openssl_constructor)
    23  0.000  0.000  0.026  0.001 <frozen
importlib._bootstrap>:806(module_from_spec)
    11  0.000  0.000  0.000  0.000 GA1.py:59
(regeneration)
    43  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:645(parent)
    19  0.000  0.000  0.002  0.000 <frozen
importlib._bootstrap_external>:642(__get_cached)
    28  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:79(__init__)
    20  0.000  0.000  0.000  0.000 {built-in
method nt._path_splitroot}
    59  0.000  0.000  0.000  0.000 {built-in
method builtins.hasattr}
    12  0.000  0.000  0.000  0.000 GA1.py:28
(selection)
    1  0.000  0.000  0.109  0.109 _pickle.
py:1(<module>
    46  0.000  0.000  0.000  0.000 {method 'add' of 'set' objects}
    10  0.000  0.000  0.001  0.000
fromnumeric.py:69(__wrapreduction)
    24  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:232(__init__)
    9  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:697(__classify_pyc)
    75  0.000  0.000  0.000  0.000 {method 'get' of 'dict' objects}
    241 0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:491(__verbose_message)
    24  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:445(cb)
    4  0.000  0.000  0.000  0.000 {built-in
method __imp.create_builtin}
```

13	0.000	0.000	0.000	0.000	{built-in
method now}					
57	0.000	0.000	0.000	0.000	{method '
__exit__' of '_thread.RLock' objects}					
39	0.000	0.000	0.000	0.000	{method '
pop' of 'list' objects}					
22	0.000	0.000	0.005	0.000	<frozen
importlib._bootstrap_external>:155(_path_is_mode_type)					
9	0.000	0.000	0.005	0.001	<frozen
importlib._bootstrap_external>:782(_compile_bytecode)					
9/1	0.000	0.000	0.117	0.117	<frozen
importlib._bootstrap_external>:1020(exec_module)					
24	0.000	0.000	0.000	0.000	{method '
pop' of 'dict' objects}					
9	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap_external>:730(
_validate_timestamp_pyc)					
10/6	0.000	0.000	0.087	0.015	<frozen
importlib._bootstrap_external>:1326(exec_module)					
56	0.000	0.000	0.000	0.000	{built-in
method _thread.get_ident}					
2/1	0.000	0.000	0.000	0.000	_compiler
.py:37(_compile)					
1	0.000	0.000	0.001	0.001	hashlib.
py:1(<module>)					
1	0.000	0.000	0.115	0.115	__init__.
py:1(<module>)					
10	0.000	0.000	0.023	0.002	<frozen
importlib._bootstrap_external>:1318(create_module)					
20	0.000	0.000	0.034	0.002	<frozen
importlib._bootstrap_external>:1551(find_spec)					
27	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap_external>:89(_unpack_uint32)					
4	0.000	0.000	0.000	0.000	{method '
format' of 'str' objects}					
54	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap_external>:139(<genexpr>)					
24	0.000	0.000	0.000	0.000	{built-in
method _imp.is_builtin}					
1	0.000	0.000	0.000	0.000	random.py
:103(Random)					

57	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap_external>:1500(_path_importer_cache)</code>					
1	0.000	0.000	0.000	0.000	_compiler
<code>.py:241(_optimize_charset)</code>					
4	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap>:662(spec_from_loader)</code>					
1	0.000	0.000	0.000	0.000	threading
<code>.py:858(Thread)</code>					
102	0.000	0.000	0.000	0.000	{built-in}
<code>method builtins.isinstance}</code>					
48	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap_external>:67(_relax_case)</code>					
28	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap>:173(__exit__)</code>					
24	0.000	0.000	0.003	0.000	<frozen
<code>importlib._bootstrap>:416(__enter__)</code>					
26	0.000	0.000	0.000	0.000	{built-in}
<code>method builtins.min}</code>					
4	0.000	0.000	0.000	0.000	getlimits
<code>.py:697(__init__)</code>					
16	0.000	0.000	0.000	0.000	{built-in}
<code>method builtinssetattr}</code>					
21	0.000	0.000	0.005	0.000	<frozen
<code>importlib._bootstrap_external>:164(_path_isfile)</code>					
4	0.000	0.000	0.000	0.000	{built-in}
<code>method maketrans}</code>					
28	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap>:82(remove)</code>					
20	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap>:1128(find_spec)</code>					
1	0.000	0.000	0.034	0.034	secrets.
<code>py:1(<module>)</code>					
9	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap_external>:674(_check_name_wrapper)</code>					
12	0.000	0.000	0.000	0.000	{method 'update' of 'dict' objects}
28	0.000	0.000	0.000	0.000	{method 'remove' of 'list' objects}
9	0.000	0.000	0.000	0.000	<frozen
<code>importlib._bootstrap>:48(_new_module)</code>					

64	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap>:1226(__exit__)					
1	0.000	0.000	0.000	0.000	{built-in
method _hashlib.openssl_md5}					
36	0.000	0.000	0.000	0.000	{method '
rfind' of 'str' objects}					
21	0.000	0.000	0.000	0.000	{method '
replace' of 'str' objects}					
1	0.000	0.000	0.001	0.001	__init__.
py:330(_compile)					
1	0.000	0.000	0.000	0.000	_parser.
py:451(_parse_sub)					
1	0.000	0.000	0.001	0.001	_compiler
.py:743(compile)					
24	0.000	0.000	0.000	0.000	{built-in
method _thread.allocate_lock}					
1	0.000	0.000	0.000	0.000	functools
.py:36(update_wrapper)					
1	0.000	0.000	0.000	0.000	threading
.py:869(__init__)					
1	0.000	0.000	0.000	0.000	<frozen
abc>:117(__instancecheck__)					
1	0.000	0.000	0.000	0.000	bisect.py
:1(<module>)					
1	0.000	0.000	0.000	0.000	threading
.py:1350(__init__)					
257	0.000	0.000	0.000	0.000	hmac.py:
19(<genexpr>)					
28	0.000	0.000	0.000	0.000	{built-in
method from_bytes}					
1	0.000	0.000	0.000	0.000	random.py
:128(seed)					
4	0.000	0.000	0.000	0.000	getlimits
.py:721(max)					
1	0.000	0.000	0.000	0.000	_compiler
.py:514(_compile_info)					
24	0.000	0.000	0.001	0.000	<frozen
importlib._bootstrap>:420(__exit__)					
24	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap>:982(find_spec)					
2/1	0.000	0.000	0.000	0.000	_parser.

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py:177(getwidth)
    1  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:1598(__init__)
    2  0.000  0.000  0.000  0.000 {built-in
method _abc._abc_init}
    116  0.000  0.000  0.000  0.000 {built-in
method _imp.acquire_lock}
    1  0.000  0.000  0.123  0.123 GA1.py:20
(create_population)
    28  0.000  0.000  0.002  0.000 <frozen
importlib._bootstrap>:632(cached)
    64  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:1222(__enter__)
    20  0.000  0.000  0.001  0.000 <frozen
importlib._bootstrap_external>:190(_path_abspath)
    1  0.000  0.000  0.000  0.000 <frozen
zipimport>:68(__init__)
    116  0.000  0.000  0.000  0.000 {built-in
method _imp.release_lock}
    20  0.000  0.000  0.000  0.000 {built-in
method _imp.find_frozen}
    4/3  0.000  0.000  0.114  0.038 <frozen
importlib._bootstrap>:1390(_handle_fromlist)
    1  0.000  0.000  0.000  0.000 {method 'disable' of '_lsprof.Profiler' objects}
    257  0.000  0.000  0.000  0.000 hmac.py:
20(<genexpr>)
    24  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap>:599(__init__)
    1  0.000  0.000  0.000  0.000 _compiler
.py:576(_code)
    1  0.000  0.000  0.000  0.000 threading
.py:674(Barrier)
    2  0.000  0.000  0.001  0.000 hashlib.
py:82(__get_builtin_constructor)
    1  0.000  0.000  0.000  0.000 _parser.
py:970(parse)
    5  0.000  0.000  0.000  0.000 {built-in
method _abc._abc_register}
    1  0.000  0.000  0.000  0.000 {function
Random.seed at 0x0000027A37F531A0}

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	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap>:463(_lock_unlock_module)	4	0.000	0.000	0.000	
method sys.intern}	7	0.000	0.000	0.000	{built-in}
.py:269(Condition)	1	0.000	0.000	0.000	threading
importlib._bootstrap_external>:1233(path_stats)	9	0.000	0.000	0.001	<frozen
fromnumeric.py:3328(prod)	10	0.000	0.000	0.001	0.000
method _hashlib.openssl_sha3_224}	1	0.000	0.000	0.000	{built-in}
method '_isidentifier' of 'str' objects	7	0.000	0.000	0.000	{method 'isidentifier' of 'str' objects}
(bestgen)	12	0.000	0.000	0.000	0.000 GA1.py:66
1 hmac.py:27(HMAC)	1	0.000	0.000	0.000	0.000 hmac.py:
_collections_abc>:108(_check_methods)	1	0.000	0.000	0.000	<frozen
_collections_abc>:392(__subclasshook__)	1	0.000	0.000	0.121	0.121 __init__.py:339(__getattr__)
importlib._bootstrap_external>:1487(_path_hooks)	1	0.000	0.000	0.000	<frozen
method '_weakref._remove_dead_weakref'	28	0.000	0.000	0.000	{built-in}
method nt.fspath}	37	0.000	0.000	0.000	{built-in}
items' of 'dict' objects	11	0.000	0.000	0.000	{method 'items' of 'dict' objects}
abc>:105(__new__)	2	0.000	0.000	0.000	<frozen
.py:281(__init__)	1	0.000	0.000	0.000	threading
.py:141(_RLock)	1	0.000	0.000	0.000	threading
695(__call__)	1	0.000	0.000	0.000	0.000 enum.py:
1 random.py	1	0.000	0.000	0.000	

:893(getrandbits)	8	0.000	0.000	0.000	0.000 _parser.
py:167(__getitem__)	7	0.000	0.000	0.000	0.000 {method '__contains__' of 'frozenset' objects}
	1	0.000	0.000	0.000	0.000 {built-in method _hashlib.openssl_sha3_384}
	1	0.000	0.000	0.000	0.000
_ufunc_config.py:459(__call__)	19/6	0.000	0.000	0.000	<frozen
abc>:121(__subclasscheck__)	1	0.000	0.000	0.000	<frozen
importlib._bootstrap_external>:1716(path_hook_for_FileFinder)	5	0.000	0.000	0.000	<frozen
abc>:110(register)	1	0.000	0.000	0.000	{built-in method _hashlib.openssl_sha1}
	1	0.000	0.000	0.000	0.000 enum.py:
1603(__and__)	4	0.000	0.000	0.000	<frozen
importlib._bootstrap>:989(create_module)	2	0.000	0.000	0.000	random.py
:119(__init__)	4	0.000	0.000	0.000	<frozen
importlib._bootstrap>:501(_requires_builtin_wrapper)	3	0.000	0.000	0.000	{method 'extend' of 'list' objects}
	1	0.000	0.000	0.000	0.000 threading
.py:620(set)	3	0.000	0.000	0.000	{method 'find' of 'bytearray' objects}
	1	0.000	0.000	0.000	0.000 {built-in method _hashlib.openssl_sha224}
	1	0.000	0.000	0.000	0.000 {built-in method math.exp}
	1	0.000	0.000	0.000	0.000 threading
.py:581(Event)	1	0.000	0.000	0.000	
_weakrefset.py:37(__init__)	1	0.000	0.000	0.000	0.000 _parser.

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py:448(_uniq)
    2    0.000    0.000    0.000    0.000 {method 'setter' of 'property' objects}
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_sha384}
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_sha512}
    4    0.000    0.000    0.000    0.000 <frozen importlib._bootstrap>:997(exec_module)
    1    0.000    0.000    0.000    0.000 _compiler.py:439(_get_literal_prefix)
    1    0.000    0.000    0.000    0.000 random.py :880(SystemRandom)
    1    0.000    0.000    0.000    0.000 threading.py:592(__init__)
    7    0.000    0.000    0.000    0.000 _parser.py:239(__next__)
    1    0.000    0.000    0.000    0.000 {method 'union' of 'set' objects}
    1    0.000    0.000    0.000    0.000 {built-in method _tracemalloc.get_traced_memory}
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_sha3_256}
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_shake_128}
    24   0.000    0.000    0.000    0.000 <frozen importlib._bootstrap>:412(__init__)
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_sha256}
    1    0.000    0.000    0.000    0.000 threading.py:303(__enter__)
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_sha3_512}
    1    0.000    0.000    0.000    0.000 {built-in method _hashlib.openssl_shake_256}
    1    0.000    0.000    0.000    0.000 {built-in method nt.urandom}
    1    0.000    0.000    6.816    6.816 <string>:1(<module>)
    1    0.000    0.000    0.114    0.114 {built-in method builtins.__import__}

```

1	0.000	0.000	0.000	0.000	{built-in}
method math.sqrt}					
1	0.000	0.000	0.000	0.000	threading
.py:449(Semaphore)					
9	0.000	0.000	0.000	0.000	{built-in}
method _imp._fix_co_filename}					
1	0.000	0.000	0.000	0.000	_compiler
.py:214(_compile_charset)					
1	0.000	0.000	0.000	0.000	threading
.py:318(_is_owned)					
1	0.000	0.000	0.000	0.000	threading
.py:306(__exit__)					
7	0.000	0.000	0.000	0.000	__init__.
py:432(<genexpr>)					
1	0.000	0.000	0.000	0.000	random.py
:225(__init_subclass__)					
28	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap:>158(__init__)					
1	0.000	0.000	0.000	0.000	{built-in}
method _abc._abc_instancecheck}					
1	0.000	0.000	0.000	0.000	
_weakrefset.py:85(add)					
1	0.000	0.000	0.001	0.001	__init__.
py:287(compile)					
1	0.000	0.000	0.000	0.000	threading
.py:428(notify_all)					
1	0.000	0.000	0.000	0.000	threading
.py:1395(_DummyThread)					
1	0.000	0.000	0.000	0.000	{built-in}
method _tracemalloc.start}					
1	0.000	0.000	0.000	0.000	threading
.py:536(BoundedSemaphore)					
24	0.000	0.000	0.000	0.000	<frozen
importlib._bootstrap:>653(has_location)					
1	0.000	0.000	0.000	0.000	threading
.py:1022(_set_native_id)					
2	0.000	0.000	0.000	0.000	{built-in}
method time.time}					
1	0.000	0.000	0.000	0.000	threading
.py:122(RLock)					
2	0.000	0.000	0.000	0.000	{built-in}

```

method builtins.ord}
    1  0.000  0.000  0.000  0.000  threading
.py:1318(Timer)
    1  0.000  0.000  0.000  0.000  threading
.py:1265(_make_invoke_excepthook)
    8  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:1604(<genexpr>)
    1  0.000  0.000  0.000  0.000 {built-in
method _thread._make_thread_handle}
    1  0.000  0.000  0.000  0.000  functools
.py:66(wraps)
    1  0.000  0.000  0.000  0.000 _compiler
.py:470(_get_charset_prefix)
    1  0.000  0.000  0.000  0.000 _parser.
py:230(__init__)
    1  0.000  0.000  0.000  0.000 {method 'set' of '_contextvars.ContextVar' objects}
    14 0.000  0.000  0.000  0.000 <frozen
_collections_abc>:345(__subclasshook__)
    1  0.000  0.000  0.000  0.000 {built-in
method sys._getframemodulename}
    1  0.000  0.000  0.000  0.000 {built-in
method _sre.compile}
    3  0.000  0.000  0.000  0.000 enum.py:
1585(_get_value)
    9  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:1184(__init__)
    1  0.000  0.000  0.000  0.000 {built-in
method fromkeys}
    10 0.000  0.000  0.000  0.000
fromnumeric.py:3323(_prod_dispatcher)
    1  0.000  0.000  0.000  0.000  threading
.py:1366(_DeleteDummyThreadOnDel)
    10 0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:1307(__init__)
    1  0.000  0.000  0.000  0.000 <frozen
importlib._bootstrap_external>:169(_path_isdir)
    5  0.000  0.000  0.000  0.000 _parser.
py:260(get)
    14 0.000  0.000  0.000  0.000 {built-in
method builtins.globals}

```

	1	0.000	0.000	0.000	0.000	threading
.py:398(notify)	1	0.000	0.000	0.000	0.000	{method 'reset' of '_contextvars.ContextVar' objects}
4	0.000	0.000	0.000	0.000	_parser.	
py:163(__len__)	2	0.000	0.000	0.000	0.000	<frozen abc>:7(abstractmethod)
3	0.000	0.000	0.000	0.000	_parser.	
py:292(tell)	2	0.000	0.000	0.000	0.000	_compiler
.py:573(isstring)	1	0.000	0.000	0.000	0.000	{built-in method numpy._core._multiarray_umath._make_extobj}
1	0.000	0.000	0.000	0.000	_compiler	
py:401(_simple)	2	0.000	0.000	0.000	0.000	{built-in method math.log}
5	0.000	0.000	0.000	0.000	_parser.	
py:255(match)	1	0.000	0.000	0.000	0.000	_parser.
py:76(__init__)	9	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1017(create_module)
1	0.000	0.000	0.000	0.000	_parser.	
py:175(append)	1	0.000	0.000	0.000	0.000	{method '__enter__' of '_thread.lock' objects}
1	0.000	0.000	0.000	0.000	{method 'acquire' of '_thread.lock' objects}	
1	0.000	0.000	0.000	0.000	{built-in method _thread.get_native_id}	
9	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1209(get_filename)	
1	0.000	0.000	0.000	0.000	_parser.	
py:954(fix_flags)	2	0.000	0.000	0.000	0.000	_parser.
py:112(__init__)	1	0.000	0.000	0.000	0.000	threading
.py:1348(_MainThread)	1	0.000	0.000	0.000	0.000	{built-in

```
method _thread._get_main_thread_ident}
    2    0.000    0.000    0.000    0.000 _parser.
py:82(groups)
    1    0.000    0.000    0.000    0.000 enum.py:
1152(__new__)
    1    0.000    0.000    0.000    0.000
_pytesttester.py:75(__init__)
    1    0.000    0.000    0.000    0.000
_ufunc_config.py:430(__init__)
    1    0.000    0.000    0.000    0.000 {method ' __exit__' of '_thread.lock' objects}
    4    0.000    0.000    0.000    0.000 <frozen
importlib._bootstrap>:1014(is_package)
    1    0.000    0.000    0.000    0.000 threading
.py:837(BrokenBarrierError)
    2    0.000    0.000    0.000    0.000 _compiler
.py:431(_get_iscased)
    1    0.000    0.000    0.000    0.000 _parser.
py:171(__setitem__)
    1    0.000    0.000    0.000    0.000
multiarray.py:180(concatenate)
    1    0.000    0.000    0.000    0.000 random.py
:907(seed)
```

Process finished with exit code 0