

Python Test

Please complete the test below by creating small programs in Python to give the solution. Save each program in the following format, `question_<question no>.py` where `<question no>` is the number of the question the program solves (i.e. `question_1.py`).

Questions

1. See the key below and determine what the sentence is saying.

Key:

K - M
O - Q
E - G

Sentence:

g fmnc wms bgblr rpylqjyrc gr zw fylb. rfyrq ufyr amknsrcpq ypc dmp. bmgle gr gl zw fylb gq glcddgagclr ylb rfyr'q ufw rfgq rcvr gq qm jmle. sqgle qrpgle.kyicrpylq() gq pcamkkclbcb.

2. Find the characters in the mess below:

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%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{
* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_
@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}[
!$#@!@e%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]
@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%]
()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{
})!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%
}@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%
]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*
{}!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_
*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*
@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*
}@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)
_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*]@[@&]+!*{}!){%+{}})}!%$@_ $^_#)^&!_+!*
@&^}@[@%]()%+$&[_@%+%$^@$^!+!&#)_*}{}!}_] $[%]@[_@#_ ^{* @##&{#&{&}*%({{([*
```

kAewtlOYgcFQaJNhHVGxXDiQmzfcpYbzxIWrvCqsmUbCunkfxZWDZjUZMiGqhRRiUvGmYm
vnJIHEmbTkAewtlOYgcFQaJNhHVGxXDiQmzfcpYbzxIWrvCqsmUbCunkfxZWDZjUZMiGqhR
RiUvGmYm
vnJIHEmbTaWReGHYvkaewtlOYgcFQaJNhHVGxmVnJIHEmbTkAewtlOYgcFQaJ
NhHVGxXDiQmzfcpIGqhRRiUvGmYm
vnJIHEmbTkAewtlOYgcFQaJNhHVGxXDiQmzfcpYbzx
IWrvCqsmUbCunkfxZWDZjUZMiGqhRRiUvGmYm
vnJIHEmbTbCDFuWSXj
AewtlOYgcFQaJNhHVGxmVnJIHEmbTkAewtlOYgcFQaJNhHVGxXDiQmzfcpAewtlOYgcFQaJ
NhHVGxmVnJIHEmbTkAewtlOYgcFQaJNhHVGxXDiQmzfcpimVnJIHEmbTkAewtlOYgcFQaJN
hHVGxXDiQmzfcpItIUYrTGBuAewtlOYgcFQaJNhHVGxmVnJIHEmbTkAewtlOYgcFQaJNhHVGx

XDiQmzjfcpiAewtloYgcFQaJNhHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxtloYgcFQaJNhH
VGxXDiQmzjfcpiGqhRRiUvGmYmvnJIHEmbTkAewtIXDiQmzjfcpiiERToMKOotloYgcFQaJNh
HVGxXDiQmzjfcpiGqhRRiUvGmYmvnJIHEmbTkAewtltoYgcFQaJNhHVGxXDiQmzjfcpiGqhR
RiUvGmYmvnJIHEmbTkAewtltoYgcFQaJNhHVGxXDiQmzjfcpiGqhRRiUvGmYmvnJIHEmbTk
AewtloWAScWQAsNhHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxXDiQmzjfcpiGqhRRiUvN
hHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxXDiQmzjfcpiGqhRRiUvdTGXoERBfNhHVGxmv
nJIHEmbTkAewtloYgcFQaJNhHVGxXDiQmzjfcpiGqhRRiUvNhHVGxmvnJIHEmbTkAewtloYgc
FQaJNhHVGxXDiQmzjfcpiGqhRRiUvNhHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxXDiQm
zjfcpiGqhRRiUvgTYUmVBNhNhHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxXDiQmzjfcpiGq
hRRiUvhHVGxmvnJIHEmbTkAewtloYgcFQaJNhHVGxXDiQmzjfcpiAewhHVGxmvnJIHEmbTk
AewtloYgcFQaJNhHVGxXDiQmzjfcpiAe
