

## Characters tasks

Save your completed program with a new filename after completing each task. Task 1 should be saved as `charactersV1.py`, task 2 as `charactersV2.py` and so on.

### Tasks

1. Write a program that displays the characters associated with 7 bit ASCII and 8 bit ASCII. Use the Python command `chr()` and a loop to display characters from 32 to 127 for 7 bit ASCII, and 32 to 255 for 8 bit ASCII.

```
!  
"  
#  
$  
%  
&  
'  
(  
)  
*  
+  
,  
-  
.  
/  
0  
1
```

2. Modify the program so that it prints all the characters one after another using `end=""`

```
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMN  
OPQRSTUVWXYZ[\]^_`abcdefghijklmnopqr  
stuvwxyz{|}~ ;cLx#|S"@"«¬-@°±²³´µ¶·¸¹º»¼½  
¾ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞß  
àáâãääåæçèéêëìíîïðñòóôõö÷øùúûüýþ
```

3. Use the escape code `"\n"` to force the printing on a new line and a heading ASCII (7 bits) before the first set of characters, and Extended ASCII (8 bits) before the second set.

ASCII (7 bits)

```
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNO  
PQRSTUVWXYZ[\]^_`abcdefghijklmnopqr  
stuvwxyz{|}~
```

Extended ASCII (8 bits)

```
!"#$%&'()*+,-./0123456789:;<=>?@ABCDEFGHIJKLMNO  
PQRSTUVWXYZ[\]^_`abcdefghijklmnopqr  
stuvwxyz{|}~ ;cLx#|S"@"«¬-@°±²³´µ¶·¸¹º»¼½  
¾ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞß  
àáâãääåæçèéêëìíîïðñòóôõö÷øùúûüýþ
```

(continues...)



