QUIZ 3

COMP9021 PRINCIPLES OF PROGRAMMING

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$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:


Incorrect input, try again!
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
       89

Incorrect input, try again!
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
       89~89

89 is the code point of a named character.

Enter a string:

Here are those of the characters under consideration
  whose name starts with :
LATIN CAPITAL LETTER Y: Y
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
       +10 ~ 9

Incorrect input, try again!
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
       +10 ~ 10

10 is not the code point of a named character.
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Date: Trimester 3, 2024.

```
$  python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
           915 ~~   916

Incorrect input, try again!
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
           915 ~   916

All numbers between 915 and 916
  are code points of named characters.

Enter a string:  GR

Here are those of the characters under consideration
  whose name starts with GR:
GREEK CAPITAL LETTER DELTA: Δ
GREEK CAPITAL LETTER GAMMA: Γ
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
                     100  ~ 20

Incorrect input, try again!
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
                          20   ~          100

Amongst the numbers between 20 and 100,
  85.19% are code points of named characters.

Enter a string: lat

None of the characters you want me to consider
  has a name that starts with lat.
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
       20~100

Amongst the numbers between 20 and 100,
  85.19% are code points of named characters.

Enter a string:  LAT

None of the characters you want me to consider
  has a name that starts with  LAT.
```

```
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
          20   ~    100

Amongst the numbers between 20 and 100,
  85.19% are code points of named characters.

Enter a string: LAT

Here are those of the characters under consideration
  whose name starts with LAT:
LATIN CAPITAL LETTER A: A
LATIN CAPITAL LETTER B: B
LATIN CAPITAL LETTER C: C
LATIN CAPITAL LETTER D: D
LATIN CAPITAL LETTER E: E
LATIN CAPITAL LETTER F: F
LATIN CAPITAL LETTER G: G
LATIN CAPITAL LETTER H: H
LATIN CAPITAL LETTER I: I
LATIN CAPITAL LETTER J: J
LATIN CAPITAL LETTER K: K
LATIN CAPITAL LETTER L: L
LATIN CAPITAL LETTER M: M
LATIN CAPITAL LETTER N: N
LATIN CAPITAL LETTER O: O
LATIN CAPITAL LETTER P: P
LATIN CAPITAL LETTER Q: Q
LATIN CAPITAL LETTER R: R
LATIN CAPITAL LETTER S: S
LATIN CAPITAL LETTER T: T
LATIN CAPITAL LETTER U: U
LATIN CAPITAL LETTER V: V
LATIN CAPITAL LETTER W: W
LATIN CAPITAL LETTER X: X
LATIN CAPITAL LETTER Y: Y
LATIN CAPITAL LETTER Z: Z
LATIN SMALL LETTER A  : a
LATIN SMALL LETTER B  : b
LATIN SMALL LETTER C  : c
LATIN SMALL LETTER D  : d
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
          2   ~   3

No number between 2 and 3
  is the code point of a named character.
```

```
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
                  60000    ~   500000

Amongst the numbers between 60000 and 500000,
  20.17% are code points of named characters.

Enter a string: ART

Here are those of the characters under consideration
  whose name starts with ART:
ARTICULATED LORRY: 🚛
ARTIST PALETTE   : 🎨
$ python3 quiz_3.py
Please input two integers a and b with 0 <= a <= b <= 1114111,
       both integers being separated by ~, with possibly
       spaces and tabs before and after the numbers:
              100000   ~200000

Amongst the numbers between 100000 and 200000,
  72.41% are code points of named characters.

Enter a string: CH

Here are those of the characters under consideration
  whose name starts with CH:
CHAIR                                : 🪑
CHART WITH DOWNWARDS TREND           : 📉
CHART WITH UPWARDS TREND             : 📈
CHART WITH UPWARDS TREND AND YEN SIGN: 💹
CHECKER BOARD                        : 🔲
CHECKER BOARD FILL                   : 🔲
CHEERING MEGAPHONE                   : 📣
CHEESE WEDGE                         : 🧀
CHEQUERED FLAG                       : 🏁
CHERRIES                             : 🍒
CHERRY BLOSSOM                       : 🌸
CHESTNUT                             : 🌰
CHICKEN                              : 🐔
CHILD                                : 🧒
CHILDREN CROSSING                    : 🚸
CHIPMUNK                             : 🐿
CHOCOLATE BAR                        : 🍫
CHOPSTICKS                           : 🥢
CHRISTMAS TREE                       : 🎄
$
```