

Q → Describe the syntax for the following functions and explain with an example.

a) abs(x)

The abs() function returns the absolute value of the number which is the distance of a point from zero index.

argument  $x$  can be integer or float.

b) max()

The max() function is self explanatory, it takes an iterable or sequence as an argument and returns the maximum value.

c) divmod()

The function divmod() takes two int or float numbers as arguments and then returns a tuple whose first element is the quotient and second element is the remainder.

d) pow()

The pow() function is used for calculating the mathematical power of a number.

$\text{pow}(a, b) \dots a^b$

e) len()

The len function takes an argument which can be a sequence or a collection and returns the number of elements present inside them.