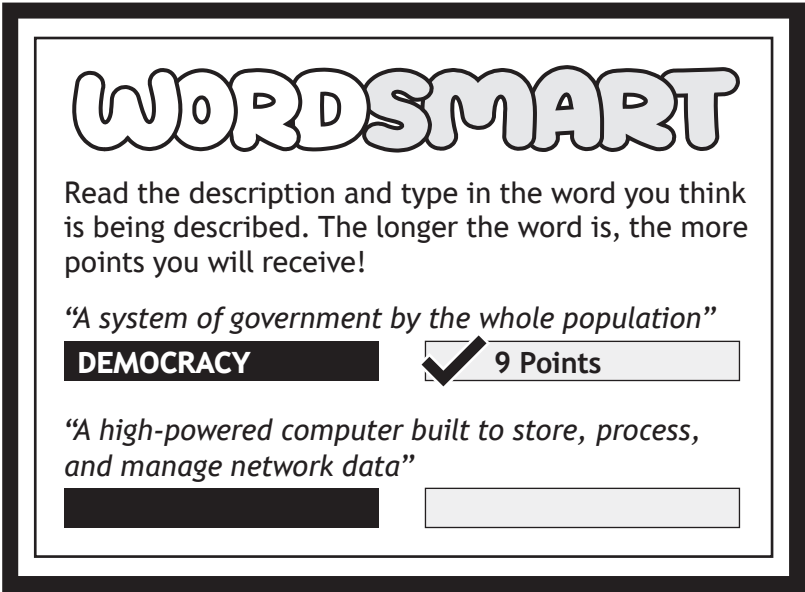


6. WordSmart is a computer game where players are shown a definition of a word and are asked to enter the word being described.



(a) A player enters the answer:

SERVER

- (i) State how many bits would be required to store the player’s answer using extended ASCII code.

1

- (ii) State the part of the processor used to temporarily store the answer.

1

- (b) If the correct word is entered, a point is awarded for each letter of the word as shown below.

Word	Points
DEMOCRACY	9
SERVER	6

State the predefined function used to count the number of characters in the player’s correct answer.

1