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**Sem :5th**

**Subject :Python Programming**

**EXPERIMENT 3:**

**Consider the string “Welcome to Python world”. Perform the following operations:**

**a) Count the number of alphabets in the given string.**

**b) To extract characters in the given, range from the given string.**

**c) Check if the string is alphanumeric or not.**

**#Consider the string “Welcome to Python world”. Perform the following operations:**

**#a) Count the number of alphabets in the given string.**

**string = "Welcome to Python world"**

**alphabet\_count = sum(1 for char in string if char.isalpha())**

**print("Number of alphabets in the string:", alphabet\_count)**

**#b) To extract characters in the given, range from the given string.**

**string = "Welcome to Python world"**

**start\_index = 8**

**end\_index = 13**

**substring = string[start\_index:end\_index+1]**

**print("Extracted substring:", substring)**

**#c) Check if the string is alphanumeric or not.**

**string = "Welcome to Python world"**

**is\_alphanumeric = string.isalnum()**

**if is\_alphanumeric:**

**print("The string is alphanumeric.")**

**else:**

**print("The string is not alphanumeric.")**

**OUTPUT:**

