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| A picture containing drawing, stop, room  Description automatically generated | Python Programming Practical  Practical #2 | | | | |
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| **Subject/Course:** | Python Programming | **Class** | | | SY BSc. IT |
| **Topic** |  | **Division** | | | C |
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| A. Write a function that takes a character (i.e. a string of length 1) and returns True if it is a vowel, False otherwise. | | | | | |
| Program:  def vowelChecker (inputChar):  if(inputChar == "a" or inputChar == "A" or    inputChar == "e" or inputChar == "E" or    inputChar == "i" or inputChar == "I" or    inputChar == "o" or inputChar == "O" or    inputChar == "u" or inputChar == "U"):    return "True"    else:    return "False"    print ("Enter the string to check")    inputChar = input()    if vowelChecker(inputChar) == "True":    print("The enterted character is Vowel")    else:    print("The enterted character is not Vowel")  Output Screen Shots: | | | | | |
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| B. Define a function that computes the length of a given list or string. | | | | | |
| Program :  def callen(n):  count=0  for i in n:  count=count+1  return count  print("length of list is ",callen([1,2,3,4,5]))  print("length of string is ",callen("Sahil"))  Output Screen Shots : | | | | | |
| c. Define a procedure histogram() that takes a list of integers and prints a  histogram to the screen. For example, histogram([4,9,7]) should print the  following:  \*\*\*\*  \*\*\*\*\*\*\*\*\*  \*\*\*\*\*\*\*  Program:  def histogram(inlist):  for i in range(len(inlist)):  print(inlist[i]\*'\*')    List=[4,9,7]  histogram(List)  Output Screen Shots: | | | | | |
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