**Activity 6.5**

3. Write a program to create a new word called string\_3 by appending string\_2 in the middle of string\_1. String\_1 and string\_2 are given by the user.

For example:

string\_1=South

string\_2=Africa

string\_3 = SoAfricauth

[12]

**Activity 6.6**

9. Consider the following program intended to create a text file called robotics.txt and add a single line which reads “ Hello robotics coders”

#This program is supposed to create a file called robotics.txt

#declaring a file object to hold the file and open it

fp = ('robotics.txt', 'w')

fp.write('')

fp.close()

When executed, the program generates errors. Modify the program to make sure that it does the following:

Create a text file called “robotics.txt” (2)

Add one line of text which reads “ Hello robotics coders” (2)

**SUMMATIVE ASSESSMENT**

10. Consider the following Python Code to create a Text file called robotics\_lesson1.txt

#This program is supposed to create a file called robotics.txt

# create a empty text file

#declaring a file object to hold the file and open it

# writing new content to the file

fp = open("", 'w')

fp.write("" )

print('Done Writing')

fp.close()

# Open the file for writing the new contents

fp = open("robotics\_lesson1.txt", 'w')

print(fp.write())

fp.close()

Modify the program to be able to do the following

: add the following lines to the text file when it is created

text\_1 = "I have learnt to program on a Raspberry Pi"

text\_2="We learnt how to create a program like traffic lights"

text\_3="I enjoyed the lesson so much"

text\_4="Have a good day!"

: The program **should then open the** created file for reading and print the four lines on to the console.

**(10)**