**FYBCA**

**SEMESTER – I**

**BCA1111C03 : Introduction to Programming using Python**

**Date : 05/09/2022**

1. Write a program to say “Hello World” on python shell.
2. Print Following lines as output.
3. Class by “M S University” is very good.
4. Class by “M S University” for ‘Python’ is very good.
5. FYBCA

Semester I

Python

1. Write a program to add a space between two strings.i.e Hello world

O/P: Hello World.[Hint : use + operator]

1. Perform some Arithmetic operations on two integer numbers and two floating point numbers on Python shell with the following operators:

+, - ,\* ,\*\* , / ,//, %

1. Print ‘Welcome’ left-justified, right-justified, and centre-aligned in a field width of 50 characters.
2. Print ‘Lovely Day’ 6 times. (String Repetition)
3. Write a program to re-assign values to a variable.
4. Write a program to read Name and Place variables from the user and print message on the screen.
5. Write a program to show the application of Assignment and In-place operators (Hint: +=,-=,\*=,/=,%=,//=,\*\*=)
6. Write a program to add two numbers.
7. Write a program to calculate area of a circle.
8. Write a program to calculate area of a room.
9. Redo Q4-Q6 with single line and multiple line comments.
10. Write a program that performs addition and multiplication on string variables.
11. Write a program to calculate Area of a triangle using Heron’s formula. [Hint: Area=(S\*(S-a)\*(S-b)\*(S-c)) \*\* 0.5]
12. Write a program that demonstrates the use of relational operators.
13. Write a program to print the digit at one’s place of a number.