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| **Enrollment No.:** |  |  |  |
| **Practical 1** | **Solve the following problems:** | |  |
|  | 1. | To print “Hello World” on screen. |  |
|  | 2. | To find addition of two numbers. |  |
|  | 3. | To find average of any two numbers. |  |
|  | 4. | To find whether a given number (accept from the user) is even or |  |
|  |  | odd, print out an appropriate message to the user. |  |
|  | 5. | To Exchange the values of two numbers without using a |  |
|  |  | temporary variable |  |
|  | 6. | To convert Kilogram into Gram. |  |
|  | 7. | To find area of rectangle. |  |
|  | 8. | To find simple interest. |  |
|  | 9. | To find profit or loss based on cost price and sell price of an item. |  |
|  | 10. Accept two numbers and check if they are equal. | |  |
|  | 11. To check whether the number is positive, negative and zero. | |  |
|  | 12. To find largest from the given two number | |  |
|  | 13. To find largest from the given three number. | |  |
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| **Objective(s)** | To make aware of Python language. | |  |
| **Pre-requisite** | Fundamentals of Programming. | |  |
| **Duration for completion** | 3 Hours | |  |
| **CO(s) to be achieved** | CO1: Design and implement programs using Python programming language | |  |
| **Solution must contain** | Program and Output | |  |
| **Nature of submission** | Handwritten in A4 size blank papers. Write using pencil only | |  |
| **References for** | Martelli Alex, Python in a nutshell, O Reilly | |  |
|  | 1. What is Python? | |  |
| 2. What is difference between \* and \*\* parameter? | |  |
| 3. Which are data types in python? | |  |
| 4. What is the output of the following code? | |  |
| print(1, 2, 3, 4, sep='\*') | |  |
| **Post Laboratory** | 5. What is block? | |  |
| **Question** | 6. which operator is used for slicing? | |  |
| **Assessment** | | |  |
| **Faculty Name and** |  | |  |
| **Signature** |  | |  |
| **Date** |  | |  |
|  |  |  |  |

**Ms. Komal Domadiya**