

CHRIST (Deemed to be University)
DEPARTMENT OF MATHEMATICS
LA-I
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Introduction to Python Programming

1. Write a python program to print a number in the binary format (for example 5 will be printed as 101). Using this program convert your roll number in binary format.
2. Define $2+5j$ and $2-5j$ as complex numbers, and find their product. Verify the result by defining the real and imaginary parts separately and using the multiplication formula.
3. Write the multiplication table of 12 using while loop
4. Create an adding machine that will keep on asking the user for numbers, add them together and show the total after each step. Terminate when user enters a zero.
5. Create a script that uses a variable and will write 20 times "I will not talk in the class". Make each sentence on a separate line.
6. Write a python program to calculate the area of a circle.