

GE19211 PROBLEM SOLVING AND PROGRAMMING IN PYTHON

II ECE C

ASSIGNMENT 1

1. Write a program to reverse a four digit number using % and // operators.
2. Write a python program to read coordinates of two points and calculate the distance between the two points.
3. Write program to display the following table.

X	Y	$x^{**}y$
10	2	100
10	3	1000
10	4	10000

4. Write a program to display the following number pattern using print().

```
1
1 2
1 2 3
1 2 3 4
```

5. write a python code to display the following pattern using print().

```
      A
    A      A
  A          A
```

6. Write a python program to compute simple interest and get p,n,r values as user input.
7. Write a program to read weight in kg and print weight in kg.g.
8. Write a program to convert Celsius temperature into Fahrenheit temperature.
9. Write a python program to calculate profit of an item. Read SP and CP as user input.
10. Write a program to find square, cube and square root of a number.

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