# Web Programming
## Assignment 4

| | Problem Statement |
|---|---|
| A | Write a python program to <br><br> 1. Add two numbers. <br> 2. Check whether the number is even, odd or zero. <br> 3. Find a maximum of 2 numbers and 3 numbers. <br> 4. Swap multiple numbers. <br> 5. Find factorial of a number. <br> 6. Calculate simple interest <br> 7. Calculate compound interest. [Compound Interest = P(1 + R/100)^T] <br> 8. Check Armstrong Number. <br> 9. Prints a countdown from a number to zero. |
| B | Write a python function program. <br><br> 1. To read a number from the user between 1 to 12 and display the name of month. <br> 2. To find smallest and largest digit of a given number <br> 3. To calculate the cube sum of first n natural numbers. Prompt the user for the value of n. <br> 4. To make a simple calculator. <br> 5. To calculate the grade of a student. Prompt users to enter the marks of 5 subjects. <br><br> <table><tr><td>average</td><td>Grade</td></tr><tr><td>85-100</td><td>AA</td></tr><tr><td>75-84</td><td>AB</td></tr><tr><td>65-74</td><td>BB</td></tr><tr><td>55-64</td><td>BC</td></tr><tr><td>45-54</td><td>CC</td></tr><tr><td>40-44</td><td>CD</td></tr><tr><td>36-39</td><td>DD</td></tr><tr><td>0-35</td><td>FF</td></tr></table> |