1. Write a program to print ‘Hello Python’ on console.
2. Initialize integer type variable ‘marks’ with a value & display the result as per following. Use if, else statements.

|  |  |
| --- | --- |
| **Marks** | **Result** |
| >=70 | Distinction |
| >=60 & <70 | First class |
| >=55 & <60 | Higher second class |
| >=50 & <55 | Second class |
| >=35 & <50 | Third class |
| <35 | Fail |

1. Write a program to display a table of given number. For example table of 3 is 3, 6, 9, 12…. 30
2. List down all armstrong numbers within the range 0 to 10000. (An Armstrong number of three digits is an integer such that the sum of the cubes of its digits is equal to the number itself. For example, 371 is an Armstrong number since 3\*3\*3 + 7\*7\*7 + 1\*1\*1 = 371).
3. Write different functions in python to perform addition, subtraction, multiplication and swap operation on complex numbers.
4. Write a program to accept integers as input & display them in sorted fashion.
5. Accept a date from user in dd-mm-yyyy format & display the day on console. For example 29-06-2016 will return Wednesday.
6. Write a program that prints "Hello Java!!" as a banner on console.
7. Accept number of seconds in long format from user & display number of years, months, days, hours & minutes by converting seconds into required format.
8. Write a program to accept the temperature in celsius & display it into Fahrenheit & Kelvin.
9. Write a program to display Fibonacci series.
10. Write a program to accept many float numbers as input & print the average of those numbers.
11. Write a program to prove that string & integer are immutable objects.
12. Write a program to find out the possible positions of queens when we wish to place 8 queens on chess board & they should not cross each other.