PYTHON PROGRAMS LIST

1. Write a program to display values of variables in Python.

2. Write a program to find the area of a rectangle given that its length is 10 units and breadth is 20 units.

3. Write a program to find the sum of two numbers num1 = 10, num2 = 20.Use proper comments in the program.

4. Write a program to convert temperature in celsius to Fahrenheit. Take the input from the user.

5. Write a program to convert kilometres to miles. Take the input from the user.

6. Write a python program to swap two variables.

7. WAP to enter radius of circle and calculate area of circle

8. WAP to enter Name, marks of 5 subject and calculate total & percentage of student

9. WAP to enter distance in feet and convert it into inches.

10.   WAP to enter radius and height of cylinder and calculate volume of cylinder.

12. Write a program to create a tuple and print the created tuple

13. Write a program to create a dictionary and print the created dictionary

14. Write a program to input an age and check whether the age is eligible to vote or not.

15. Display the appropriate message as per the colour of signal at the road crossing.

16. Write a program to create a simple calculator performing only four basic operations.

17. Write a Program to print the characters in the string 'PYTHON' using for loop.

18. Write a Program to print the numbers in a given sequence using for loop.

19. Write a Program to print even numbers in a given sequence using for loop.

20. Display future leap years from current year to a final year entered by user

21.List comprehensions:

(a) Generate positive list of numbers from a given list of integers

(b) Square of N numbers

(c) Form a list of vowels selected from a given word

(d) List ordinal value of each element of a word (Hint: use ord() to get ordinal values)

22. Get a string from an input string where all occurrences of first character replaced with '$', except first character.

23. Prompt the user for a list of integers. For all values greater than 100, store 'over' instead.

24. Find biggest of 3 numbers entered.

25. Accept a file name from user and print extension of that.