

1. Write a python program which accept the radius of a circle from the user and compute the area.
2. Write a function which takes as an input string s and returns the total number of vowels (a, e, i, o, or u) that occur in the string.
3. Write a Python Program which accepts a sequence of comma separated numbers from user and generate a list and tuple with those numbers.
4. WAP which accepts a filename from the user and print the extension of that.
5. Write a python script to sort a dictionary by value.
6. Write a python script to merge two dictionaries.
7. Write a python function to check a password whether it is good or not? A good password is at-least 8 characters long and contains an uppercase letter, a lowercase letter and a number.
8. Read a collection of integers from the user. Display all negative integers, followed by all the zeros, followed by all the positive integers.
9. WAP to swap two numbers without using temporary variable. (Hint Use data structures)
10. The following table lists the sound level in decibels for several common noises.

Noise	Decibel level (dB)
Jackhammer	130
Gas lawnmower	106
Alarm clock	70
Quiet room	40

Write a python program that reads a sound level in decibels from the user. If the user enters a decibel level that matches one of the noises in the table then your program should display a message containing only that noise. If the user enters a number of decibels between the noises listed then your program should display a message indicating which noises the level is between. Ensure that your program also generates reasonable output for a value smaller than the quietest noise in the table, and for a value larger than the loudest noise in the table.

NOTE: Please do not refer online answers. All the best!!!!