

1. Write a PYTHON program to check entered character is vowel or consonant.
2. Ask the user to enter their favorite color. If they enter “red”, “RED” or “Red” display the message “I like red too”, otherwise display the message “I don’t like [color], I prefer red”.
3. Ask the user if it is raining and convert their answer to lower case so it doesn’t matter what case they type it in. If they answer “yes”, ask if it is windy. If they answer “yes” to this second question, display the answer “It is too windy for an umbrella”, otherwise display the message “Take an umbrella”. If they did not answer yes to the first question, display the answer “Enjoy your day”.
4. Ask the user to enter a number between 1 and 12 and then display the times table for that number. ( use for loop)
5. Write a short PYTHON program to check whether the square root of number is prime or not.
6. Write a PYTHON program to produce following design

A B C

A B C

A B C

7. Write a PYTHON program to produce following design

A

A B

A B C

A B C D

A B C D E

If user enters n value as 5

- 8. Write a PYTHON program to find the sum of digits of given number**
- 9. Write a PYTHON program to reverse the given number.**
- 10. Set a variable called total to 0. Ask the user to enter five numbers and after each input ask them if they want that number included. If they do, then add the number to the total. If they do not want it included, don't add it to the total. After they have entered all five numbers, display the total.**
- 11. Write a PYTHON program to print out all even numbers from a given numbers list in the same order and stop the printing if any numbers that come after 237 in the sequence.**

**Sample numbers list:**

**Numbers=[386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615, 162, 758, 219, 237, 412, 566, 826, 958, 743, 527]**