1. Write a while loop that asks the user to enter two numbers. These two numbers should be passed as two input parameters to a function that returns the sum of these two numbers. Call this function and print out the returned sum value. The loop should ask the user if he or she wishes to perform the operation again. If so, the loop should repeat, otherwise it should terminate.

2. Write a while loop that displays the following set of numbers: 0, 10, 20, 30, 40, … 90, 100

3. Running on a treadmill you burn 4.2 calories per minute. Write a program that uses a loop to display the number of calories burned after 10, 15, 20, 25, and 30 minutes.

4. At one college, the tuition for a full-time student is $8000 per semester. It has been announced that the tuition will increase by 3 percent each year for the next five years. Write a program with a loop that displays the projected semester tuition amount for the next 5 years.

5. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6. Note : Use 'continue' statement.

6. Write a Python program which iterates the integers from 2 to 15. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz". Sample output:

```
2
fizz
4
buzz
fizz
7
8
fizz
buzz
11
fizz
13
14
fizzbuzz
>>>
```

7. Write a program that determines which of the numbers from 3 till 32 are prime. Use a nested loop and the loop from the is_prime(n) function (previous class). Hint: nested loops.