Classes Exercise problems

1) Write a Python class named Circle constructed by a radius and two methods which will compute the area and the perimeter of a circle.
2) Write a Python class which has two methods get_String and print_String. get_String accept a string from the user and print_String print the string in upper case
3) Create a class, Triangle. Its __init__() method should take self, angle1, angle2, and angle3 as arguments. Make sure to set these appropriately in the body of the __init__()method. Create a variable named number_of_sides and set it equal to 3. Create a method named check_angles. The sum of a triangle's three angles is, it should return True if the sum of self.angle1, self.angle2, and self.angle3 is equal 180, and False otherwise.
4) Define a class called Songs, it will show the lyrics of a song. Its __init__() method should have two arguments:self and lyrics. lyricsis a list. Inside your class create a method called sing_me_a_song that prints each element of lyrics on his own line. Define a variable:

   happy_bday = Song(["May god bless you, ",
   "Have a sunshine on you,",
   "Happy Birthday to you !"])

   Call the sing_me_song method on this variable.

Exceptional Handling

5) Define the following in try block: get two numbers from user-input, give two except block one for value error and name error, one else block for performing mathematical operations like add,sub,mul, div,modulus and print the results, in finally block, print the user defined input values

6) In try block, try to open file, in except block, handle FileNotFoundError, in else block, write happy learning into opened file and in finally block, close the opened file