```python
In [1]:   # DSC510
          # Week 2
          # 2.1 Programming Assignment
          # Author: Aarti Ramani
          # Created Date: 12/06/2022
          # Purpose: This is my first hello world program in jupyter
          # ****************************************************************************
          # Change#:1 (Week 2)
          # Change(s) Made: Version 1.0
          # Date of Change: 12/06/2022
          # Author: Aarti Ramani
          # Change Approved by: N/A
          # Date Moved to Production: N/A
          # ****************************************************************************

          def add(num_1, num_2):
              return num_1 + num_2


          def subtract(num_1, num_2):
              return num_1 - num_2


          def multiply(num_1, num_2):
              return num_1 * num_2


          def divide(num_1, num_2):
              return num_1 / num_2


          def concatenate(num_1, num_2):
              return num_1 + num_2


          def main():
              try:
                  #  user_name = input ('Enter your name : ')  # Accept user input for name
                  user_name = 'Aarti Ramani'
                  print('\nHello World! My name is : ', user_name)
                  print('Enter two numbers to compute')
                  print("In this program we will perform computation for the numbers 23.11 and 55.
                  try:
                      num_1 = float(input('Enter the first number : '))
                  except ValueError:
                      print('Invalid user input for number. Please restart.')
                  else:
                      try:
                          num_2 = float(input('Enter the second number : '))
                      except ValueError:
                          print('Invalid user input for number. Please restart.')
                      else:
                          num_1 = 23.11
                          num_2 = 55.2
                          print('Addition - ', add(num_1, num_2))
                          print('Subtraction - ', subtract(num_1, num_2))
                          print('Multiplication - ', multiply(num_1, num_2))
                          print('Division - ', divide(num_1, num_2))
                          print('Concatenation - ', concatenate(str(num_1), str(num_2)))

                  newlist = ['This', 'is', 'a', 'test', 'list', 1, 3]
                  newlist.append('appending')
                  print(newlist)
```

```python
        newtuple = ('Here''s', 'a', 'test tuple', 1)
        print(newtuple)
    except RuntimeError:
        print('There was an error in processing user data')


if __name__ == "__main__":
    main()
```

```
Hello World! My name is :  Aarti Ramani
In this program we will perform computation for the numbers 23.11 and 55.2
Addition -  78.31
Subtraction -  -32.09
Multiplication -  1275.672
Division -  0.41865942028985503
Concatenation -  23.1155.2
['This', 'is', 'a', 'test', 'list', 1, 3, 'appending']
('Heres', 'a', 'test tuple', 1)
```