ICP1 REPORT

```
input_string = input("Enter the string 'Python': ")
char_list = list(input_string)
if len(char_list) >= 2:
                  del char_list[0]
del char_list[0]
                 reversed_list = char_list[::-1]
result_string = ''.join(reversed_list)
print("Reversed string after deletion:", result_string)
Enter the string 'Python': akshay Reversed string after deletion: yahs
                       num1 = float(input("Enter the first number: "))
num2 = float(input("Enter the second number: "))
sum_result = num1 + num2
difference_result = num1 - num2
product_result = num1 * num2
if num2 != 0:
quotient_result = num1 / num2
else:
                                        egge:
quotient_result = "undefined (division by zero)"
print(f"Sum: {num1} + {num2} = {sum_result}")
print(f"Difference: {num1} - {num2} = {difference_result}")
print(f"Product: {num1} * {num2} = {product_result}")
print(f"Quotient: {num1} / {num2} = {quotient_result}")
                       Enter the first number: 6
Enter the second number: 5
Sum: 6.0 + 5.0 = 11.0
Difference: 6.0 - 5.0 = 1.0
Product: 6.0 + 5.0 = 30.0
Quotient: 6.0 / 5.0 = 1.2
           [4] sentence = input("Enter a sentence: ")
    modified_sentence = sentence.replace('python', 'pythons')
    print("Modified sentence:", modified_sentence)
             Enter a sentence: i love python Modified sentence: i love pythons

    Enter a sentence: i love python Modified sentence: i love pythons

           score = float(input("Enter the class score (0-100): "))
if 90 <= score <= 100:
    grade = 'A'
elif 80 <= score < 90:
    grade = 'B'
elif 70 <= score < 80:</pre>
                            elif /0 <= score < 80:
grade = 'C'
elif 60 <= score < 70:
grade = 'D'
elif 0 <= score < 60:
                                            grade = 'F
                             else:
    grade = 'Invalid score'
print("The letter grade is:", grade)
             Enter the class score (0-100): 45
The letter grade is: F
             [9] example_list = [123, "hello", 45.67, True, None, [1, 2, 3], {'key': 'value'}, (1, 2)]
                               type_list = []
for element in example_list:
                              type_list.append(type(element))
print("Original list:", example_list)
print("Types of elements:", type_list)

Original list: [123, 'hello', 45.67, True, None, [1, 2, 3], {'key': 'value'}, (1, 2)]
Types of elements: [<class 'int'>, <class 'str'>, <class 'float'>, <class 'bool'>, <class 'NoneType'>, <class 'list'>, <class 'dict'>, <class 'dict'>, <class 'list'>, <class 'bool'>, <class 'honeType'>, <class 'list'>, <class 'dict'>, <class 'dict'>, <class 'list'>, <class 'bool'>, <class 'bool
```

```
T_companies ("Facehoot", 'Google', 'Microsoft', 'Apple', 'IBM', 'Oracle', 'Amazon')

8 = (89, 22, 18, 24, 25, 28, 27, 28, 27)

ag = [22, 19, 24, 25, 26, 24, 25, 24]

length_T_companies = len(T_companies)

r_companies.add('Nutter')

r_com
```

My YouTube link: https://youtu.be/R_NE6hrfHig

GitHub link:

https://github.com/akshaykumarpathem/bda.git