

# Assignment # 01

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## **Source Code**

```
void main() {
// Q1) Declare a list of your favorite foods.
    List<String> favFood = ["Biryani", "Karahi", "Pulao", "Tikka", "Pizza"];
// a) Print the first and last object of the list.
    print(favFood.first);
    print(favFood.last);
// b) Print reversed version of the list.
    print(favFood.reversed);
// c) Print the length of the list.
    print(favFood.length);

// Q2) Declare two integer variables and perform arithmetic operation.
// Make sure to print the result.
    int num_1 = 23;
    int num_2 = 45;
    int addition = num_1 + num_2;
    int subtraction = num_1 - num_2;
    int multiplication = num_1 * num_2;
    double division = num_1 / num_2;
    int modulo = num_1 % num_2;
    print("$addition $subtraction $multiplication $division $modulo");

// Q3) Create a program that converts Fahrenheit to celsius.
// a) Declare a double variable for the Fahrenheit value, apply formula and print the
converted temperature.
// b) Formula: Celsius = (Fahrenheit - 32) * 5/9.
    double fahrenheitValue = 7009;
    double celsiusValue = (fahrenheitValue - 32) * 5 / 9;
    print(celsiusValue);
}
```

## **Output**

Biryani

Pizza

(Pizza, Tikka, Pulao, Karahi, Biryani)

5

68 -22 1035 0.5111111111111111 23

3876.1111111111113