**Q1 (20 Marks)**

**Calculate the multiplication and sum of two numbers**

Given two integer numbers return their product only if the product is equal to or lower than 1000, else return their sum.

**Given** 1:

number1 = 20

number2 = 30

**Expected Output**:

The result is 600

**Given** 2:

number1 = 40

number2 = 30

**Expected Output**:

The result is 70

### Q2 (50 Marks)

### Write a menu driven program to Calculate the Parameter and Area of different Shapes using functions

Hint: Parameter of Circle = 2 \* 3.14 \* radius

Parameter of Rectangle = 2 \* (height + width)

Parameter of Square = 4 \* side

Expected output:

WELCOME TO A SIMPLE MENSURATION PROGRAM

MAIN MENU

1. Calculate Parameter

2. Calculate Area

3. Exit

Enter the Choice:1

### Q3 (30 Marks)

### Write a program to display the grade of the students. The input should be provided by the user grades will be calculated as below.

| **Average Mark** | **Grade** |
| --- | --- |
| 91-100 | A1 |
| 81-90 | A2 |
| 71-80 | B1 |
| 61-70 | B2 |
| 51-60 | C1 |
| 41-50 | C2 |
| 33-40 | D |
| 21-32 | E1 |
| 0-20 | E2 |