



## ———— DART BASICS ————

- 1) Dart Program to Check a Number is Positive or Negative or Zero
- 2) Write a program to calculate sum all elements in list and get the average.
- 3) Dart Program to Make a Simple Calculator Using switch...case.
- 4) Program to find largest and smallest element of 3 values.
- 5) Write a program to input the value of the radius of a circle and then calculate its perimeter and area.
- 6) Create a program that takes a year and determines if it's a leap year.
- 7) Create a Body Mass Index calculator that takes weight (kg) and height (m) as input: Calculates  $BMI = \text{weight} / (\text{height} \times \text{height})$   
Classifies the result:  
Underweight:  $BMI < 18.5$   
Normal:  $18.5 \leq BMI < 25$   
Overweight:  $25 \leq BMI < 30$   
Obese:  $BMI \geq 30$
- 7) Build a menu system that offers options:  
Calculate Area of Circle  
Calculate Area of Rectangle  
Calculate Area of Triangle  
Exit : Use switch to handle user choice and perform calculations.