S3_1

Flowchart - Tutorial

Learning objectives!!!

To learn and appreciate the following concepts

- ✓ Draw flowcharts for simple problems
- ✓ Run and check output in RAPTOR tool

Area of the circle – Algorithm to Flowchart

Name of the algorithm: Compute the area of a circle

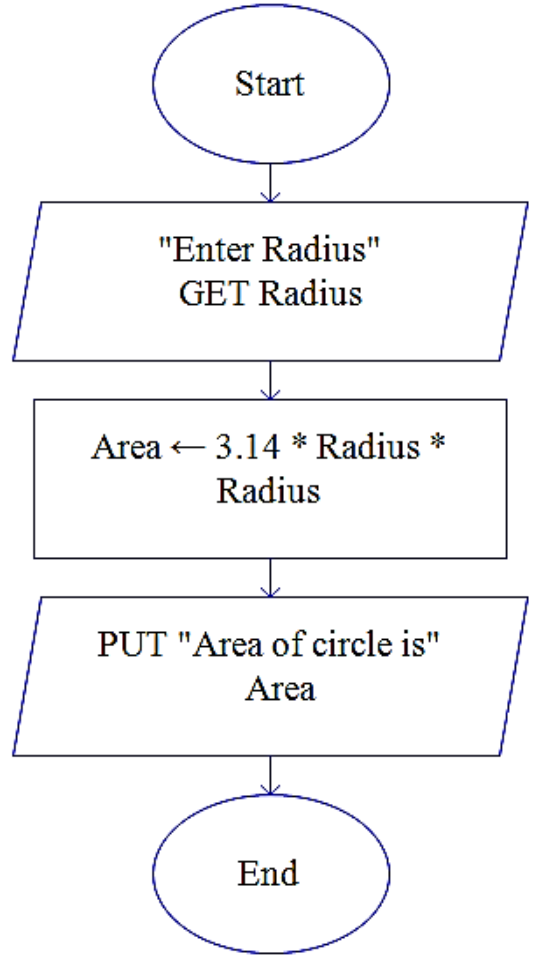
Step1: Input radius

Step 2: [Compute the area]
Area ← 3.1416 * radius*radius

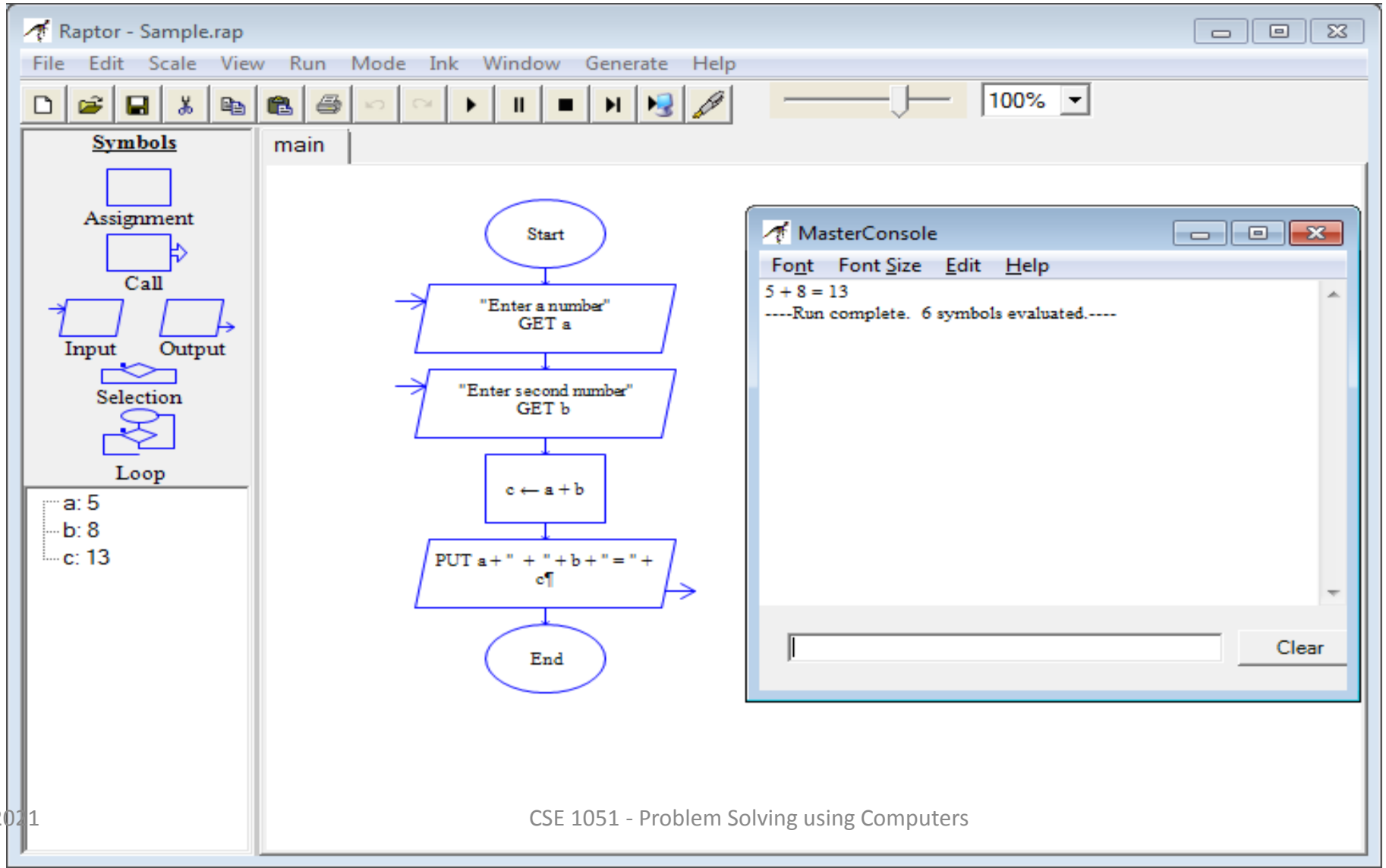
Step 3: [Print the Area]
Print 'Area of a circle =', Area

Step 4: [End of algorithm]
Stop

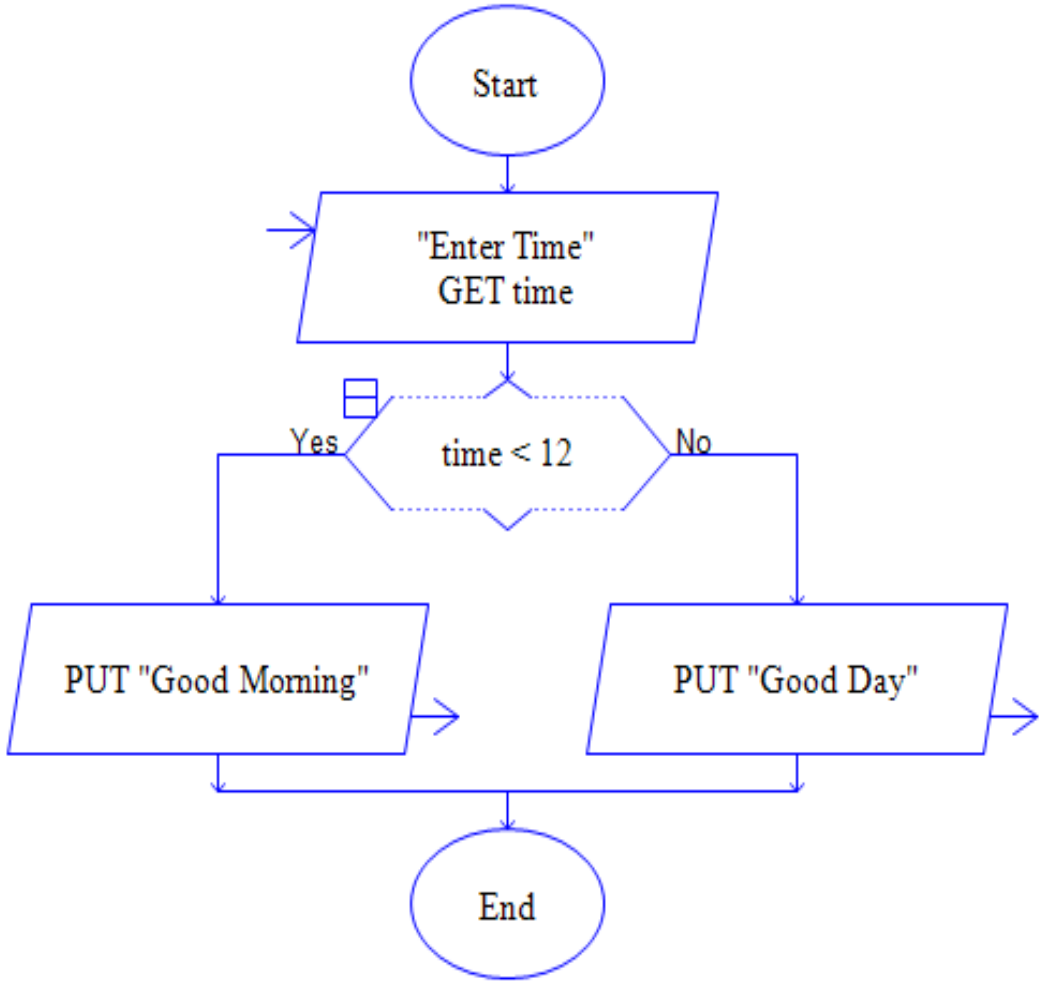
Flowchart



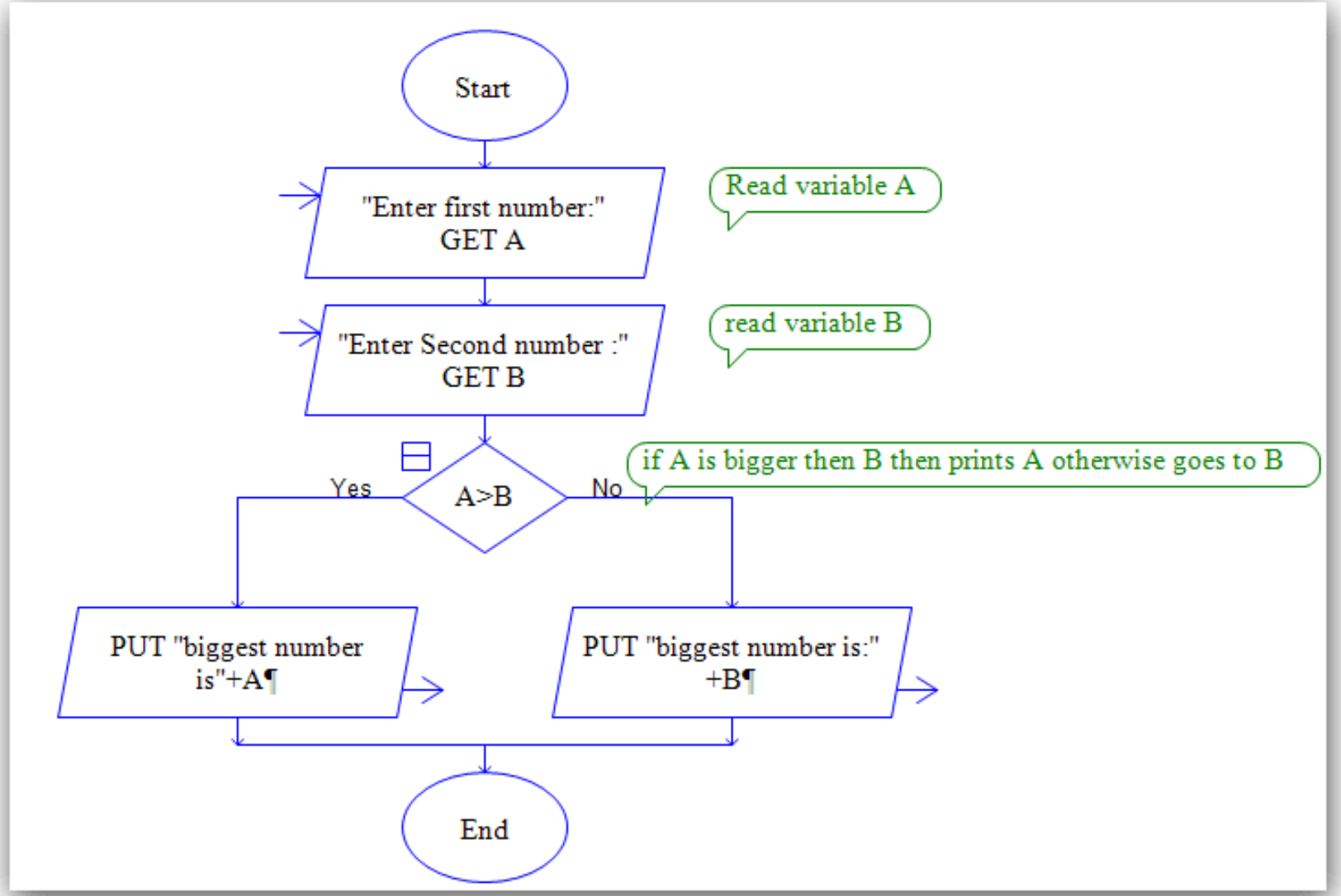
Let's add two numbers!! – Check output in console



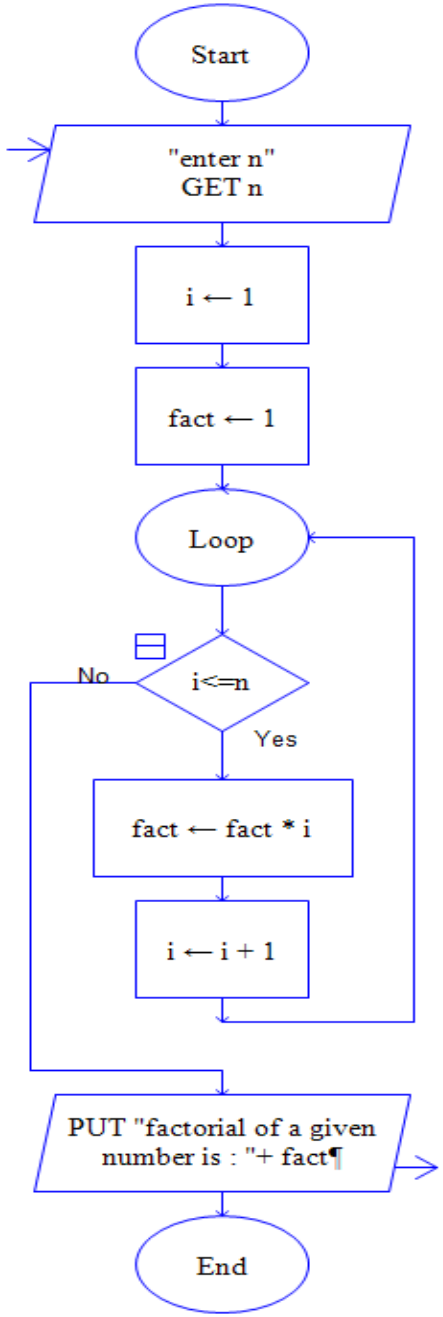
Learn to use selection control!!!



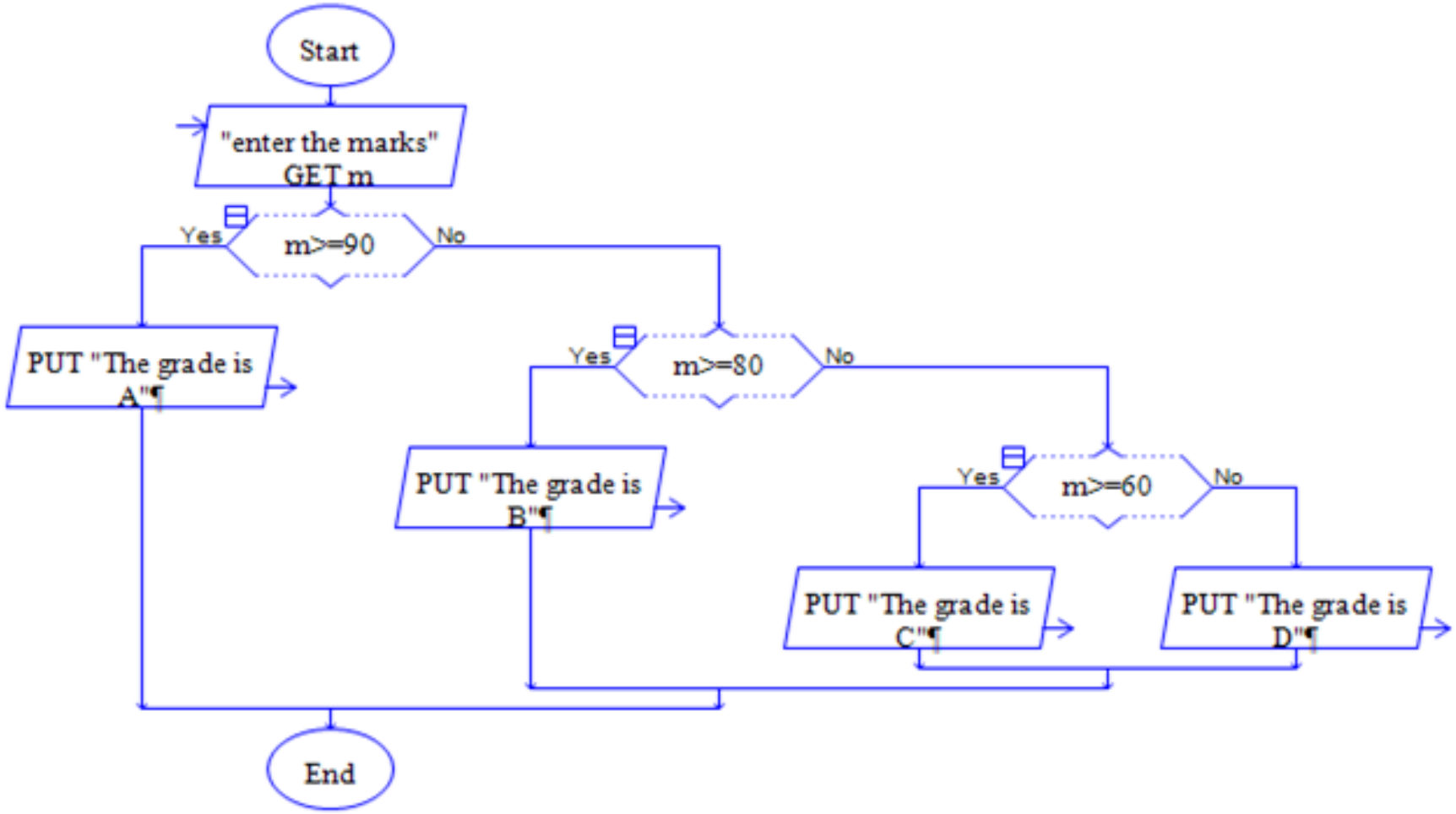
Largest of two numbers!!!



Factorial of a number!!!



Flowchart for mark and grades!!!



Tutorial

- Realize a flowchart to find the area of triangle when three sides are given using RAPTOR tool
- Realize a flowchart to check whether given integer is positive or negative using RAPTOR tool