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| Test Case Number | Scenario | Description | Expected Result | Remarks P-F |
| TC\_001 | Equilateral triangle | Draw an triangle with 60 degree with 3 line of same length | An Equilateral triangle should be created |  |
| TC\_002 | Isosceles | Draw an triangle two angles of the same length and bottom as different length | An Isosceles triangle should be formed |  |
| TC\_003 | scalene triangle | Draw an triangle with all its sides of different lengths | An scalene triangle should be formed |  |
| TC\_004 | Acute Angled Triangle | Draw an triangle with all of its angles less than 90° | An Acute triangle should be formed |  |
| TC\_005 | Right angle triangle | Draw an triangle with one of angles is equal to 90 | An Right triangle should be formed |  |
| TC\_006 | Obtuse Angled Triangle | Draw an triangle with any of its one angles more than 90° | An Obtuse triangle should be formed |  |