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| ASSIGNMENT : 03 SHEET :1 of 1 |
| COURSE TITLE : CPP |
| MODULE NAME : Constructor, Destructor |

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| **Theory:**  **Q- 1.** Define constructor and destructor with small example. What the constructor and  Destructor will do actually?  **Q-2.** What is the difference between constructor and function?  **Practical:**  **Q-1.** Create a C++ class for representing the point with x and y coordinates. Provide member functions to read and print the point object, adding two point objects and necessary constructors.    **Q-2.** Write a C++ program with a class having three integer data members. Provide the member function along with other functions and constructors, to test whether given three number forms an Pythagorean triplet i.e. x2 + y2 = z2. |