**Assignment 1**

1. Briefly explain and uses of the following operators with small programs.
   1. **<<**  insertion operator
   2. **>>**  extraction operator
   3. **\***  pointer to member operator
   4. **. \***  pointer to member operator
   5. **delete** memory release operator
   6. **new** memory allocation operator
   7. **setw** field width operator
   8. **sizeof () Size of Object**
2. Write a program to demonstrate about Dynamic Initialization.
3. State Referencing (&) and Dereferencing (\*) Operators with examples.
4. Define Inline function. What are the pros and cons of inline function?
5. Write the objectives, principles, precautions of Function Overloading with examples.
6. Write down the advantages of OOP.
7. What are actual and formal arguments?