# Topic01\_Basics of C++:

1. Create int datatype variables using different initialization types
2. Create int datatype variables and during declaration, initialize with double or floating values and observe which initialization types results an error.
3. Create an 1-D array and initialize the values
   1. Print the array address using arrayname
   2. Print the array address using first index
   3. Print the array elements using array indexing
   4. Print the array elements using array address
4. Create an 1-D vector and initialize the values
   1. Using size() method print the size of vector
   2. Print the vector elements using array type of syntax
   3. Print the vector elements using at() method
   4. Add 2-elements to existing vector and print the vector
   5. Remove 1-element to existing vector and print the vector
5. Create an 2-D vector and initialize with list type of initialization
   1. Overwrite the existing value with new value
   2. Use push\_back method append a 1-D vector to 2-D vector