1. The difference between GENRIC LIST<> and Array.

[**Difference between ArrayList and Generic List**](https://www.aspsnippets.com/Articles/Difference-between-ArrayList-and-Generic-List-in-C-Net-and-VBNet.aspx)**:**

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| ***ArrayList*** | ***Generic List*** |
| 1. ArrayList belongs to the System.Collections namespace, i.e. you need to import the following namespace. | Generic List (List<T>) belongs to the System.Collections.Generic namespace, i.e. you need to import the following namespace. |
| 1. ArrayList does not have type restriction for storing data i.e. it is not Type Safe. You can store anything in ArrayList. In fact same ArrayList can store multiple types of objects. | In Generic List (List<T>), T means data type, i.e. string, int, DateTime, etc. Thus it will store only specific types of objects based on what data type has been specified while declarations i.e. it is Type Safe. |
| 1. ArrayList stores all data as object thus to get it back you must remember what you stored where and correspondingly Type Cast it as per its original Type when stored. | Generic List stores all data of the data type it is declared thus to getting the data back is hassle free and no type conversions required. |
| 1. While running a Loop on ArrayList you need to use Object data type. | While running a Loop on Generic List again it is problem free as we exactly know what the List contains. |

2. Explain the difference between Read(), ReadLine() and ReadKey().

Console.ReadLine()  
Reads the next line of characters from the standard input stream. Simply you can say, it read all the characters from user input. (And finish when press enter).

**Console.Read()**  
  
Reads the next character from the standard input stream. It only accept single character from user input and return its ASCII Code.

Console.ReadKey()   
It obtains the next character or function key pressed by the user. In simple words, it read that which key is pressed by user and return its name. it does not require to press enter key before entering.