**Problems to Solve:**

1. Write a program to define all number variables, find the size of the data type and print its value (initialize the value at the time of declaration)
   1. Short , unsigned short , signed short
   2. Int, unsigned int, signed int
   3. Long, unsigned long, signed long
   4. Float
   5. Double
2. Write a program to define all number variables, find the size of the data type and print its value (initialize the value at the time of run time using assign statement)
   1. Short , unsigned short , signed short
   2. Int, unsigned int, signed int
   3. Long, unsigned long, signed long
   4. Float
   5. Double
3. Modify the program 1&2 to print the address of the variable (& in go and c, id in python, not really in java but hashcode gives the unique value of the variable)
4. Write a program to find maximum and minimum value of number data type
   1. Short , unsigned short , signed short
   2. Int, unsigned int, signed int
   3. Long, unsigned long, signed long
   4. Float
   5. Double
5. Write a program to define character, bool, string and find the size of the data type, prints its value (initialize the value at the time of declaration)
6. Write a program to define character, bool, string and find the size of the data type, prints its value (initialize the value at run time using assignment statement)
7. Modify the program 2 to accept the user input from console
8. Modify the program 2 to accept the user input as command line arguments
9. Modify the program 6 to accept the user input from console
10. Modify the program 6 to accept the user input as command line arguments
11. Explore printf statements (GO and C) , format string (Java), print (python) to print float and double to required decimals
12. Explore printf statements (GO and C) , format string (Java), print (python) to print string (char) left aligned, right aligned, number of character
13. Define variables (int, float, short, long, double, char, char[] / string, bool, signed long, unsigned long) and initialize with command line arguments. Print the address of variables and check the value of address.
14. Define variable a
    1. assign hexa value 0x24 and print the decimal, octa  and hex value
    2. assign octa value O1234 and print the decimal, octa and hex value