**Logic Building Assignment: 6**

**Complete Below Code Snippets**

Write separate application program in separate file and execute it practically.

Write each program in the class notebook with description.

***Calculate Time complexity of each program***

1. **Write a program which accept number from user and print that number of $ and \* on console.**

**Input: 5**

**Output: $ \* $ \* $ \* $ \* $ \***

**Input: 3**

**Output: $ \* $ \* $ \***

**Input: -3**

**Output: $ \* $ \* $ \***

#include<stdio.h>

void Pattern(int iNo)

{

    //logic

}

int main()

{

    int iValue =0;

    printf("Enter number:\n");

    scanf("%d",&iValue);

    pattern(iValue);

    return 0;

}

1. **Write a program which accept number from user and print numbers till that number.**

**Input: 5**

**Output: 1 2 3 4 5**

#include<stdio.h>

void display(int iNo)

{

    //logic

}

int main()

{

    int iValue =0;

    printf("Enter number:\n");

    scanf("%d",&iValue);

    display(iValue);

    return 0;

}

1. **Write a program which accept number from user and print its numbers line.**

**Input: 4**

**Output: -4 -3 -2 -1 0 1 2 3 4**

#include<stdio.h>

void display(int iNo)

{

    //logic

}

int main()

{

    int iValue =0;

    printf("Enter number:\n");

    scanf("%d",&iValue);

    display(iValue);

    return 0;

}

1. **Write a program which accepts number from user and print all odd numbers up to that number.**

**Input: 18**

**Output: 1 3 5 7 9 11 13**

#include<stdio.h>

void oddDisplay(int iNo)

{

    //logic

}

int main()

{

    int iValue =0;

    printf("Enter number:\n");

    scanf("%d",&iValue);

    oddDisplay(iValue);

    return 0;

}

1. **Write a program which accepts number from user and print % multiplies of number**

**Input: 4**

**Output: 4 8 12 16 20**

#include<stdio.h>

void MulDisplay(int iNo)

{

    //logic

}

int main()

{

    int iValue =0;

    printf("Enter number:\n");

    scanf("%d",&iValue);

    MulDisplay(iValue);

    return 0;

}