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: $ * $ * $ *

```c
#include<stdio.h>
void Pattern(int iNo)
{
    //logic
}
int main()
{
    int iValue =0;
    printf("Enter number:\n");
    scanf("%d",&iValue);
    pattern(iValue);
    return 0;
}
```

2. **Write a program which accept number from user and print numbers till that number.**
   Input: 5
   Output: 1 2 3 4 5

```c
#include<stdio.h>
void display(int iNo)
{
    //logic
}
int main()
{
    int iValue =0;
    printf("Enter number:\n");
    scanf("%d",&iValue);
    display(iValue);
    return 0;
}
```

3. **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;
}
```

4. **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;
}
```

5. **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;
}
```