Logic Building Assignment : 8

Calculate Time Complexity of each program.

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

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");
  scanf("%d",&iValue);

  Pattern(iValue);

  return 0;
```

```
}
```

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

Input : 8

Output : 1 2 3 4 5 6 7 8

```
#include<stdio.h>

void Display(int iNo)
{
  // Logic
}

int main()
{
  int iValue = 0;
  printf("Enter number");
  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");
  scanf("%d",&iValue);

  Display(iValue);

  return 0;
}
```

4. Write a program which accepts N from user and print all odd numbers up to N.

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");
  scanf("%d",&iValue);

  OddDisplay(iValue);

  return 0;
}
```

5. Write a program which accept N and print first 5 multiples of N.

Input : 4

Output : 4 8 12 16 20

```
#include<stdio.h>

void MultipleDisplay(int iNo)
{
  // Logic
}

int main()
{
  int iValue = 0;
  printf("Enter number");
  scanf("%d",&iValue);
  MultipleDisplay(iValue);
  return 0;
}
```