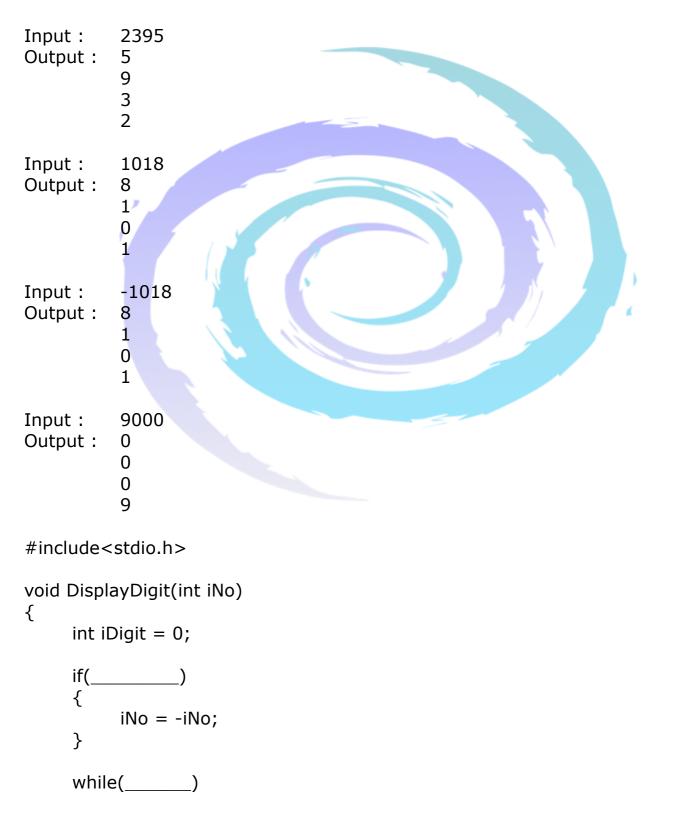


Logic Building Assignment: 12

Create separate visual Studio project for each problem statement separately. Calculate Time Complexity of each program.

1. Write a program which accept number from user and display its digits in reverse order.





```
{
           iDigit = _
           printf("%d",iDigit);
     }
}
int main()
     int iValue = 0;
     printf("Enter number");
     scanf("%d",&iValue);
     DisplayDigit(iValue);
     return 0;
}
2. Write a program which accept number from user and check whether it contains 0
  in it or not.
Input:
           2395
Output:
           There is no Zero
Input:
           1018
Output:
          It Contains Zero
Input:
          9000
Output:
          It Contains Zero
Input:
           10687
Output:
          It Contains Zero
#include<stdio.h>
#define TRUE 1
#define FALSE 0
typedef int BOOL;
BOOL ChkZero(int iNo)
     // Logic
```

int main()



```
{
     int iValue = 0;
     BOOL bRet = FALSE;
     printf("Enter number");
     scanf("%d",&iValue);
     bRet = ChkZero(iValue);
     if(bRet == TRUE)
          printf("It Contains Zero");
     }
     else
     {
          printf("There is no Zero")
     }
     return 0;
}
3. Write a program which accept number from user and count frequency of 2 in it.
Input:
           2395
Output:
           1
Input:
           1018
Output:
Input:
           9000
Output:
Input:
           922432
Output:
           3
#include<stdio.h>
int CountTwo(int iNo)
     // Logic
int main()
     int iValue = 0;
     int bRet = 0;
```



```
printf("Enter number");
     scanf("%d",&iValue);
     iRet = CountTwo(iValue);
     printf("%d",iRet);
     return 0;
}
4. Write a program which accept number from user and count frequency of 4 in it.
           2395
Input:
Output:
Input:
           1018
Output:
           0
Input:
          9440
Output:
           2
Input:
           922432
Output:
#include<stdio.h>
int CountFour(int iNo)
     // Logic
int main()
     int iValue = 0;
     int iRet = 0;
     printf("Enter number");
     scanf("%d",&iValue);
     iRet = CountFour(iValue);
     printf("%d",iRet);
     return 0;
}
```



5. Write a program which accept number from user and count frequency of such a digits which are less than 6.

Input: 2395 Output: 3 Input: 1018 Output: 3 Input: 9440 Output: 3 Input: 96672 Output: 1 #include<stdio.h> int Count(int iNo) { // Logic int main() { int iValue = 0; int iRet = 0; printf("Enter number"); scanf("%d",&iValue); iRet = Count(iValue); printf("%d",iRet); return 0; }