Course Name: O Level (2nd Sem B1 Batch) **Subject:** C Language
Topic: C Loops **Date:** 20-03-2020

Examples of Loops
Example 1. Write a program to print all the even number between 1 to 30.

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int a=2;
clrscr();
while(a<=30)
{
printf("\n%d",a);
a+=2;
}
getch();
}
```

Do yourself :
1. Write a program to print all the odd number between 1 to 30.
2. Write a program to print 1 to 10 numbers.
3. Write a program to print 10 to 1 numbers.
4. Write a program to input any number and print the table of that number.
5. Write a program to print A to Z.

Example 2. Write a program to print sum of all the even number between 1 to 50.

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int i=2,y=0;
clrscr();
while(i<=50)
{
if(i%2 = = 0)
y=y+i;
i++;
}
printf("%d\n",y);
getch();
}
```

Do yourself :
1. Write a program to print sum of all the odd number between 1 to 50.
2. Write a program to print the sum of all the even number between 1 to 100.
3. Write a program to print the sum of all the odd number between 1 to 100.

Example 3: Write a program to input any digit number and print the sum of that digit.

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int x,y=0;
clrscr();
printf("input any number\n");
scanf("%d",&x);
while(x!=0)
{
y=y+(x%10);
x=
x/10;
}
printf("%d",y);
getch();
}
```

Do yourself :

1. Write a program to input any digit number and print the multiplication of those digits.

2. Write a program to input any digit number and print the reverse of that digit.