**C Loop’s**

**Three Types of Loop’s in C**

1. **while loop**
2. **do..while loop**
3. **for loop**

**While Loops**

**syntax:-**

**while(condition){**

**// C Statements**

**}**

**ex:-**

**#include<stdio.h>**

**#include<conio.h>**

**void main()**

**{**

**int n,i;**

**clrscr();**

**printf("\nEnter How Many Number You Want Print!: ");**

**scanf("%d",&n);**

**i=1;**

**printf("While Loop\n");**

**while(i>n){**

**printf("%d\n",i);**

**i++;**

**}**

**getch();**

**}**

**O/P:-**

**Enter How Many Number You Want Print!: 5**

**While Loop**

**1**

**2**

**3**

**4**

**Do..While Loops**

**syntax:-**

**do{**

**// C Statements**

**}while(condition);**

**ex:-**

**#include<stdio.h>**

**#include<conio.h>**

**void main()**

**{**

**int n,i;**

**clrscr();**

**printf("\nEnter How Many Number You Want Print!: ");**

**scanf("%d",&n);**

**i=1;**

**printf("Do..While Loop\n");**

**do{**

**printf("%d\n",i);**

**i++;**

**}while(i>n);**

**getch();**

**}**

**O/P:-**

**Enter How Many Number You Want Print!: 5**

**Do..While Loop**

**1**

**2**

**3**

**4**

**For Loops**

**syntax:-**

**for(intiailize;condition;increment/decrement){**

**// C Statements**

**}**

**ex:-**

**#include<stdio.h>**

**#include<conio.h>**

**void main()**

**{**

**int n,i;**

**clrscr();**

**printf("\nEnter How Many Number You Want Print!: ");**

**scanf("%d",&n);**

**printf("For Loop\n");**

**for(i=1; i<n; i++)**

**{**

**printf("%d\n",i);**

**}**

**getch();**

**}**

**O/P:-**

**Enter How Many Number You Want Print!: 5**

**For Loop**

**1**

**2**

**3**

**4**