

## Assignment – 4

### Iterative Control Statements

**1. Wap to print MySirG 5 times on the screen.**

```
→ #include<stdio.h>
int main()
{
    int x=1;
    for(x=1 ; x<=5 ; x++)
    {
        printf("MySirG ");
    }
    return 0;
```

**2. Wap to print the first 10 natural numbers.**

```
→ #include<stdio.h>
int main()
{
    int x=1;
    while (x<=10)
    {
        printf("%d ",x);
        x++;
    }
    return 0;
}
```

**3. Wap to print the first 10 natural numbers in reverse order.**

```
→ #include<stdio.h>
int main()
{
    int x=10;
    for(x=10 ; x>=1 ; x--)
    {
        printf("%d ",x);
    }
}
```

```
    }  
    return 0;  
}
```

**4. Wap to print 10 odd natural numbers.**

```
→ #include<stdio.h>  
int main()  
{  
    int i = 1;  
    for(i=1 ; i<=10 ; i++)  
    {  
        printf("%d ",x*2-1);  
    }  
    return 0;  
}
```

**5. Wap to print the first 10 odd natural numbers in reverse order.**

```
→ #include<stdio.h>  
int main()  
{  
    int l= 19 ;  
    for(i=19 ; i>=1 ; i=i-2)  
    {  
        printf("%d ",i);  
    }  
    return 0;  
}
```

**6. Wap to print the first 10 even natural numbers.**

```
→ #include<stdio.h>  
int main()  
{  
    int i ;  
    while(i<=20)  
    {  
        printf("%d ",2*i);  
    }  
    return 0;
```

}

**7. Wap to print the first 10 even natural numbers in reverse order.**

```
→      #include<stdio.h>
      Int main()
      {
          int i= 20 ;
          for(i=20 ; i>=2 ; i-=2)
          {
              printf("%d ",i);
          }
          return 0;
      }
```

**8. Wap to print squares of the first 10 natural numbers.**

```
→      #include<stdio.h>
      int main()
      {
          int i =1 ;
          for(i=1 ; i<=10 ; i++)
          {
              printf("%d ",i*i);
          }
          return 0;
      }
```

**9. Wap to print cubes of the first 10 natural numbers.**

```
→      #include<stdio.h>
      int main()
      {
          int i=1 ;
          for(i=1 ; i<=10 ; i++)
          {
              printf("%d ",i*i*i);
          }
          return 0;
      }
```

**10. Wap to print a table of 5.**



```
#include<stdio.h>
int main()
{
    int i , n ;
    printf("enter the table of n ");
    scanf("%d",&n);
    printf("\n");
    for(i=1 ; i<=10 ; i++)
    {
        printf("%d * %d = %d \n" , n , i , n*i);
    }
    return 0;
}
```