

Assignment -5

More on Iterative Control statements

1. Wap to print MySirG N times on the screen.

```
→      #include<stdio.h>

      int main()
      {
          int i=1, n;
          printf("enter a number");
          scanf("%d",&n);
          for(i=1 ; i<=n ; i++)
          {
              printf("MySirG ");
          }
          return 0;
      }
```

2. Wap to print the first N natural numbers.

```
→      #include<stdio.h>

      int main()
      {
          int i= 1 , n;
          printf("enter a number");
          scanf("%d",&n);
          for(i=1 ; i<=n ; i++)
          {
              printf("%d ",i);
          }
      }
```

```
        return 0;
    }
```

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

```
→    #include<stdio.h>

    int main()
    {
        int n;
        printf("enter a number");
        scanf("%d",&n);
        while(n>=1)
        {
            printf("%d ",n);
            n--;
        }
        return 0;
    }
```

4. Wap to print the first N odd natural numbers .

```
→    #include<stdio.h>

    int main()
    {
        int i=1,n;
        printf("enter a number");
        scanf("%d",&n);
        for(i=1 ; i<=n ; i++)
        {
            printf("%d ",2*i-1);
        }
```

```

    }
    return 0;
}

```

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

```

→      #include<stdio.h>

int main()
{
    int n;
    printf("enter a number");
    scanf("%d",&n);
    while(n)
    {
        printf("%d ",2*n-1);
        n--;
    }
    return 0;
}

```

6. Wap to print the first N even natural numbers.

```

→      #include<stdio.h>

int main()
{
    int i=1 ,n;
    printf("enter a number");
    scanf("%d",&n);
    for(i=1 ; i<=n ; i++)
    {

```

```

        printf("%d ",2*i);
    }
    return 0;
}

```

7. Wap to print the first N even natural number in reverse order.

```

→ #include<stdio.h>

int main()
{
    int n;
    printf("enter a number");
    scanf("%d",&n);
    while(n)
    {
        printf("%d ",2*n);
        n--;
    }
    return 0;
}

```

8. Wap to print squares of the first N natural numbers.

```

→ #include<stdio.h>

int main()
{
    int i,n;
    printf("enter a number ");
    scanf("%d",&n);
    for(i=1 ; i<=n; i++)
    {
        printf("%d\n ",i*i);
    }
}

```

```
        return 0;
    }
```

9. Wap to print cubes of the first N natural numbers.

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

10. Wap to print a table of N .

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