



MORE ON ITERATIVE CONTROL STATEMENTS

ASSIGNMENT 5



Q. **wap to print MySirG N times on the screen.**

```
#include<stdio.h>

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

Q. **wap to print the first N natural numbers.**

```
#include<stdio.h>

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

Q. **reverse wap to print the first n natural numbers in order.**

```
#include<stdio.h>
```

```

int main()
{
    int i,n;
    printf("enter a natural number:");
    scanf("%d",&n);
    for(i=n;i>=1;i--)
    {
        printf("%d\n",i);
    }
    return 0;
}

```

Q.wap to print the first n odd natural numbers.

```

#include<stdio.h>
int main()
{
    int i,n;
    printf(" enter odd natural number:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%d\n",2*i-1);
    }
    return 0;
}

```

Q.wap to print the first N odd natural number in reverse order.

```

#include<stdio.h>
int main()
{

```

```

    int i,n;
    printf("enter odd natural number:");
    scanf("%d",&n);
    for(i=n;i>=1;i--)
    {
        printf("%d\n",2*i-1);
    }
    return 0;
}

```

Q.wap to print the first n even natural numbers.

```

#include<stdio.h>

int main()
{
    int i,n;
    printf(" enter even natural number:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%d\n",2*i);
    }
    return 0;
}

```

Q.wap to print the first N even natural numbers in reverse order.

```

#include<stdio.h>

int main()
{
    int i,n;
    printf(" enter even natural number:");

```

```

scanf("%d",&n);
for(i=n;i>=1;i--)
{
    printf("%d\n",2*i);
}
return 0;
}

```

Q.wap to print the squares of the first n natural numbers.

```

#include<stdio.h>

int main()
{
    int i,n;
    printf("enter the natural number:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%d\n",i*i);
    }
    return 0;
}

```

Q.wap to print the cubes of the first n natural number.

```

#include<stdio.h>

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

```

5

```
    {  
        printf("%d\n",i*i*i);  
    }  
    return 0;  
}
```

Q.wap to print a table of N.

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