

More on Iterative Control Statements

1. Write a program to print MySirG N times on the screen

```
#include<stdio.h>
int main()
{
    int n,i=1;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=n)
    {
        printf("MySirG ");
        i++;
    }
    return 0;
}
```

2. Write a program to print the first N natural numbers.

```
#include<stdio.h>
int main()
{
    int n,i=1;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=n)
    {
        printf("%d ",i);
        i++;
    }
    return 0;
}
```

3. Write a program to print the first N natural numbers in reverse order

```
#include<stdio.h>
int main()
{
    int n;
    printf("Enter the number");
    scanf("%d",&n);
    while(1<=n)
    {
        printf("%d ",n);
    }
}
```

```

        n--;
    }
    return 0;
}

```

4. Write a program to print the first N odd natural numbers

```

#include<stdio.h>
int main()
{
    int n,i=1,s;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=n)
    {
        s=2*i-1;
        printf("%d ",s);
        i++;
    }
    return 0;
}

```

5. Write a program to print the first N odd natural numbers in reverse order.

```

#include<stdio.h>
int main()
{
    int n;
    printf("Enter the number");
    scanf("%d",&n);
    while(1<=n)
    {
        printf("%d ",n);
        n--;
    }
    return 0;
}

```

6. Write a program to print the first N even natural numbers

```

#include<stdio.h>
int main()
{
    int n,i=1,s;
    printf("Enter the number");
    scanf("%d",&n);
}

```

```

        while(i<=n)
        {
            s=2*i;
            printf("%d ",s);
            i++;
        }
        return 0;
    }

```

7. Write a program to print the first N even natural numbers in reverse order

```

#include<stdio.h>
int main()
{
    int n,s;
    printf("Enter the number");
    scanf("%d",&n);
    while(1<=n)
    {
        s=2*n;
        printf("%d ",s);
        n--;
    }
    return 0;
}

```

8. Write a program to print squares of the first N natural numbers

```

#include<stdio.h>
int main()
{
    int n,i=1,s;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=n)
    {
        s=i*i;
        printf("%d ",s);
        i++;
    }
    return 0;
}

```

9. Write a program to print cubes of the first N natural numbers

```

#include<stdio.h>

```

```

int main()
{
    int n,i=1,s;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=n)
    {
        s=i*i*i;
        printf("%d ",s);
        i++;
    }
    return 0;
}

```

10. Write a program to print a table of N.

```

#include<stdio.h>
int main()
{
    int n,i=1,s;
    printf("Enter the number");
    scanf("%d",&n);
    while(i<=10)
    {
        s=n*i;
        printf("%d ",s);
        i++;
    }
    return 0;
}

```