

Assignment 5

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

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

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

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

3. Write a program 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--;
    }
}
```

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

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

```

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

```

5. Write a program 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>=1)
    {
        printf("%d ",2*n-1);
        n--;
    }
}

```

6. Write a program to print the first N even 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 ",2*i);
    }
}

```

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

```

#include<stdio.h>
int main()
{
    int i,n;
    printf("Enter a number ");
    scanf("%d",&n);
    for ( i = n; i >= 1; i--)
    {
        printf("%d ",2*i);
    }
}

```

8. Write a program 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 ",i*i);
    }
}
```

9. Write a program 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 ",i*i*i);
    }
}
```

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

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