Assignment – 5

1.Write a program to print MySirG N times on the screen.
```c
#include<stdio.h>
int main()
{
    int i=1,n;
    printf("Enter a number :");
    scanf("%d",&n);
    while (i<=n)
    {
        printf("MySirG\n");
        i++;
    }
    return 0;
}
```

2. Write a program to print the first N natural numbers.
```c
#include<stdio.h>
int main()
{
    int i=1,n;
    printf("Enter a number :");
    scanf("%d",&n);
    while (i<=n)
    {
        printf("%d\n",i);
        i++;
    }
    return 0;
}
```

3. Write a program to print the first N natural numbers in reverse order.
```c
#include<stdio.h>
int main()
{
    int n,i;
    printf("Enter a number :");
    scanf("%d",&n);
    i=n;
    while (i>=1)
    {
        printf("%d\n",i);
        i--;
    }
    return 0;
}
```

4. Write a program to print the first N odd natural numbers.
```c
#include<stdio.h>
int main()
{
```

```c
    int i=1,n,j=1;
    printf("Enter a number :");
    scanf("%d",&n);
    while (j<=n)
    {
        if(i%2==1)
        {
        printf("%d\n",i);
        j++;
        }
        i++;
    }
    return 0;
}
```

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

```c
#include<stdio.h>
int main()
{
    int n,j;
    printf("Enter a number :");
    scanf("%d",&n);
    j=2*n;
    for(j;j>=1;j--)
    {
        if(j%2==1)
        {
            printf("%d\n",j);
        }
    }
    return 0;
}
```

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

```c
#include<stdio.h>
int main()
{
    int i=1,n,j=1;
    printf("Enter a number :");
    scanf("%d",&n);
    while (j<=n)
    {
        if(i%2==0)
        {
        printf("%d\n",i);
        j++;
        }
        i++;
    }
    return 0;
}
```

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

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

```c
int main()
{
    int i,n;
    printf("Enter a number :");
    scanf("%d",&n);
    for(i=2*n;i>=1;i--)
    {
        if(i%2==0)
        {
            printf("%d\n",i);
        }
    }
    return 0;
}
```

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

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

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

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

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

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

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