

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 the number ");
    scanf("%d",&n);
    while(i<n)
    {
        printf("MySirG\n");
        i++;
    }
    return 0;
}
```

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

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

```

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

```

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

```

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

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

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

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

```

        printf("Square of = %d\n",i*i);
    }
    return 0;
}

```

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

```

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

```

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

```

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

```

