

NAME SUMIT GUPTA
ASSIGNMENT 5

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

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

```
//3 Write a program to print the first N natural . reverse number
#include<stdio.h>
int main ()
{
    int i,n;
    printf("Enter a number\n");
    scanf("%d",&n);
    for(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 i,n;
    printf("Enter a number\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%d\n",2*i-1);
    }
    return 0;
}
```

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

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

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

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

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

```

//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\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%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 i,n;
    printf("Enter a number\n");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        printf("%d\n",i*i*i);
    }
return 0;
}

```

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

```

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

```

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