

Assignment=5

1. write a program to print MySirG N time on the screen.

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

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

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

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

```
#include <stdio.h>
int main()
{
    int x,i;
    printf("Enter The Number : ");
    scanf("%d",&x);
    i=x;
```

```

        while(i>=1)
        {
            printf("%d\n",i);
            i--;
        }
    }
}

```

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

```

#include <stdio.h>
int main()
{
    int x,i=1;
    printf("Enter The Number : ");
    scanf("%d",&x);
    while(i<=x)
    {
        printf("%d\n",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 x,i;
    printf("Enter The Number : ");
    scanf("%d",&x);
    i=x;
    while(i>=1)
    {
        printf("%d\n",2*i-1);
        i--;
    }
}

```

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

```

#include <stdio.h>
int main()

```

```

{
    int x,i=1;
    printf("Enter The Number : ");
    scanf("%d",&x);
    while(i<=x)
    {
        printf("%d\n",2*i);
        i++;
    }
}

```

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

```

#include <stdio.h>
int main()
{
    int x,i;
    printf("Enter The Number : ");
    scanf("%d",&x);
    i=x;
    while(i>=1)
    {
        printf("%d\n",2*i);
        i--;
    }
}

```

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

```

#include <stdio.h>
int main()
{
    int x,i;
    printf("Enter The Number : ");
    scanf("%d",&x);
    for(i=1;i<=x;i++)
    {
        printf("%d * %d = %d\n",i,i,i*i);
    }
}

```

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

```
#include <stdio.h>
int main()
{
    int x,i;
    printf("Enter The Number : ");
    scanf("%d",&x);
    for(i=1;i<=x;i++)
    {
        printf("%d * %d * %d = %d\n",i,i,i*i*i);
    }
}
```

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

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