**Assignment 5**

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

**#include<stdio.h>**

**int main()**

**{**

**int i=1,n;**

**printf(“How many times you want to print MySirG? “);**

**scanf(“%d“,&n);**

**while(i<=n)**

**{**

**printf(“\nMySirG”);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“How many natural number you want to print “);**

**scanf(“%d”,&n);**

**while(i<=n)**

**{**

**printf(“%d “,i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“How many natural numbers you want to print in reverse order”);**

**scanf(“%d”,&n);**

**while(i<=n)**

**{**

**printf(“%d “,n+1-i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{  
 int n,i=1;**

**printf(“How many odd natural numbers you want to print ”);**

**scanf(“%d”,&n);**

**while(i<=2\*n)**

**{**

**if(i%2!=0)**

**printf(“ %d “,i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int i=1,n;**

**printf(“How many odd natural numbers you want to print in reverse order “);**

**scanf(“%d”,&n);**

**while(i<=2\*n)**

**{**

**if(i%2!=0)**

**printf(“%d “,2\*n-i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“How many even natural numbers you want to print ”);**

**scanf(“%d”,&n);**

**while(i<=2\*n)**

**{**

**if(i%2==0)**

**printf(“%d “,i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“How many even natural numbers you want to print in reverse order “);**

**scanf(“%d”,&n);**

**while(i<=2\*n)**

**{**

**if(i%2==0)**

**printf(“%d “,2\*n+2-i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int i=1,n;**

**printf(“How many square of natural numbers you want to print “);**

**scanf(“%d”,&n);**

**while(i<=n)**

**{**

**printf(“%d “,i\*i);**

**i++;**

**}**

**return 0;**

**}**

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

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“How many cubes of natural numbers you want to print “);**

**scanf(“%d”,&n);**

**while(i<=n)**

**{**

**printf(“%d “,i\*i\*i\*);**

**i++;**

**}**

**return 0;**

**}**

1. Write a program to print a table of N

**#include<stdio.h>**

**int main()**

**{**

**int n,i=1;**

**printf(“Enter which number table you want to print “);**

**scanf(“%d”,&n);**

**while(i<=10)**

**{**

**printf(“\n%d \* %d = %d “,n,i,n\*i);**

**i++;**

**}**

**return 0;**

**}**