**Assignment - 5 Solution Name-Om Pant**

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

Ans –

#include<stdio.h>

int main(){

    int i=1,n;

    printf("Enter number of times you want to print MySirG \n");

    scanf("%d",&n);

    while(i<=n){

        printf("MySirG\n");

        i++;

    }

    return 0;

}

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

Ans –

#include<stdio.h>

int main(){

    int i=1,n;

    printf("Enter the value of n\n");

    scanf("%d",&n);

    while(i<=n){

        printf("%d\n",i);

        i++;

    }

    return 0;

}

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

Ans –

#include<stdio.h>

int main(){

    int n;

    printf("Enter the value of n\n");

    scanf("%d",&n);

    while(n>0){

        printf("%d\n",n);

        n--;

    }

    return 0;

}

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

Ans –

#include<stdio.h>

int main(){

    int x,i=1;

    printf("Enter the value of N\n");

    scanf("%d",&x);

    while(i<=x){

        printf("%d\n",2\*i-1);

        i++;

    }

    return 0;

}

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

Ans –

#include<stdio.h>

int main(){

    int x;

    printf("Enter the value of N\n");

    scanf("%d",&x);

    while(x>0){

        printf("%d\n",2\*x-1);

        x--;

    }

    return 0;

}

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

Ans-

#include<stdio.h>

int main(){

    int x,i=1;

    printf("Enter the value of N\n");

    scanf("%d",&x);

    while(i<=x){

        printf("%d\n",2\*i);

        i++;

    }

    return 0;

}

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

Ans-

#include<stdio.h>

int main(){

    int x;

    printf("Enter the value of N\n");

    scanf("%d",&x);

    while(x>0){

        printf("%d\n",2\*x);

        x--;

    }

    return 0;

}

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

Ans-

#include<stdio.h>

int main(){

    int i=1,n;

    printf("Enter the value of N\n");

    scanf("%d",&n);

    while(i<=n){

        printf("%d\n",i\*i);

        i++;

    }

    return 0;

}

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

Ans –

#include<stdio.h>

int main(){

    int i=1,n;

    printf("Enter the value of N\n");

    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.

Ans –

#include<stdio.h>

int main(){

    int num,i=1;

    printf("Enter The Number\n");

    scanf("%d",&num);

    while(i<=10){

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

        i++;

    }

    return 0;

}