Assignment No.5

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=n; i++)

    {

       printf ("MySirG\n");

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=n; i++)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=n; i>=1; i--)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=n; i=i+2)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=n; i>=1; i=i-2)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=2; i<=n; i=i+2)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=n; i>=2; i=i-2)

    {

       printf ("%d\n",i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=n; i++)

    {

       printf ("%d\n",i\*i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=n; i++)

    {

       printf ("%d\n",i\*i\*i);

    }

    return 0;

}

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

#include <stdio.h>

int main()

{

    int n,i;

    printf ("enter the number\n");

    scanf ("%d",&n);

    for(i=1; i<=10; i++)

    {

       printf ("%d\n",n\*i);

    }

    return 0;

}