Assignment-10

1. Write a program to print MySirG N times on the screen.
2. Write a program to print the first N natural numbers.
3. Write a program to print the first N natural numbers in reverse order.
4. Write a program to print the first N even natural numbers.
5. Write a program to print the first N even natural numbers in reverse order.
6. Write a program to print the first N odd natural numbers
7. Write a program to print the squares of first N natural numbers
8. Write a program to print the cubes of first N natural numbers
9. Write a program to print the squares of first N natural numbers in reverse order
10. Write a program to print the cubes of the first N natural numbers in reverse order.

Ans1:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    for(i=1;i<=n;i++)

    {

        printf("MySirG\n");

    }

    getch();

}

Ans2:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("First %d natural numbers are: \n",n);

    for(i=1;i<=n;i++)

    {

        printf("%d\n",i);

    }

    getch();

}

Ans3:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("First %d natural numbers in reverse order are: \n",n);

    for(i=n;i>0;i=i-1)

    {

        printf("%d\n",i);

    }

    getch();

}

Ans4:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("First %d even natural numbers are: \n",n);

    for(i=2;i<=2\*n;i=i+2)

    {

        printf("%d\n",i);

    }

    getch();

}

Ans5:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("First %d even natural numbers in reverse order are: \n",n);

    for(i=2\*n;i>0;i=i-2)

    {

        printf("%d\n",i);

    }

    getch();

}

Ans6:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("First %d odd natural numbers are: \n",n);

    for(i=1;i<=2\*n-1;i=i+2)

    {

        printf("%d\n",i);

    }

    getch();

}

Ans7:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("Squares of first %d natural numbers are: \n",n);

    for(i=1;i<=n;i=i+1)

    {

        printf("%d\n",i\*i);

    }

    getch();

}

Ans8:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("Cubes of first %d natural numbers are: \n",n);

    for(i=1;i<=n;i=i+1)

    {

        printf("%d\n",i\*i\*i);

    }

    getch();

}

Ans9:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("Squares of first %d natural numbers in reverse order are: \n",n);

    for(i=n;i>0;i=i-1)

    {

        printf("%d\n",i\*i);

    }

    getch();

}

Ans10:

#include<stdio.h>

#include<conio.h>

int main()

{

    int n,i;

    printf("Enter n: ");

    scanf("%d",&n);

    printf("Cubes of first %d natural numbers in reverse order are: \n",n);

    for(i=n;i>0;i=i-1)

    {

        printf("%d\n",i\*i\*i);

    }

    getch();

}