Assignment – 5

More on Iterative Control Statements

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

#include<stdio.h>

int main()

{

    int i, n;

    printf("enter a no of charcter my sirg \n");

    scanf("%d",&n);

    while(i<n)

    {

      printf("mysirG \n");

      i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=1,n;

    printf("enete a N natural no\n");

    scanf("%d",&n);

    while(i<=n)

    {

        printf("%d\n",i);

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=10, n;

    printf("enetr a n reverse natural number \n");

   scanf("%d",&n);

   while(i>n)

   {

    printf("%d\n",i);

    i--;

   }

  return 0;

}

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

#include<stdio.h>

int main()

{

    int i=1, n;

    printf("eneter a n odd natural no\n");

    scanf("%d",&n);

    while(i<=n)

    {

        printf("%d\n",i);

        i=i+2;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=19, n;

    printf("enetr a N odd natural reverse order \n");

    scanf("%d",&n);

    while(i>=1)

    {

        printf("%d\n",i);

        i=i-2;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=2, n;

    printf("enetr a n even natural number");

    scanf("%d",&n);

    while(i<=n)

{

    printf("%d\n",i);

    i=i+2;

}

return 0;

}

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

#include<stdio.h>

int main()

{

    int i=20, n;

    printf("enetr n even natural number reverse\n");

    scanf("%d",&n);

    while(i>n)

    {

        printf("%d\n",i);

        i=i-2;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=2, n;

    printf("enter a squre first natural number\n");

    scanf("%d",&n);

    while(i<=n)

    {

        printf("%d\n",i\*i);

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=1, n;

    printf("enetr  cubes first natural number\n");

    scanf("%d",&n);

    while(i<=10)

    {

        printf("%d\n",i\*i\*i);

        i++;

    }

    return 0;

}

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

#include<stdio.h>

int main()

{

    int i=2, n;

    printf("enete a no\n");

    scanf("%d",&n);

    while(i<=10)

    {

        printf("%d\n ",i\*n);

        i++;

    }

    return 0;

}