Assignment – 4

Iterative Control Statements

// 1. Write a program to print MySirG 5 times on the screen

#include<stdio.h>

int main()

{

    int i=1;

    while(i<=5)

    {

        printf("\n my sirg");

        i++;

    }

    return 0;

}

// 2. Write a program to print the first 10 natural numbers.

#include<stdio.h>

int main()

{

    int i=1;

    while(i<=10)

    {

        printf("%d",i);

        i++;

    }

    return 0;

}

// 3. Write a program to print the first 10 natural numbers in reverse order

#include<stdio.h>

int main()

{

    int i=10;

    while(i>=1)

    {

        printf("\n%d",i);

       i--;

    }

    return 0;

}

// 4. Write a program to print the first 10 odd natural numbers

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#include<stdio.h>

int main()

{

    int i=1;

    while(i<=20)

    {

        printf("%d \n",i);

        i=i+2;

    }

    return 0;

}

// 5. Write a program to print the first 10 odd natural numbers in reverse order.

#include<stdio.h>

int main()

{

    int i=19;

    while(i>=1)

    {

        printf("%d \n",i);

        i=i-2;

    }

    return 0;

}

// 6. Write a program to print the first 10 even natural numbers

#include<stdio.h>

int main()

{

    int i=2;

    while(i<=20)

    {

        printf("%d \n",i);

        i=i+2;

    }

    return 0;

}

// 7. Write a program to print the first 10 even natural numbers in reverse order

#include<stdio.h>

int main()

{

    int i=20;

    while(i>=2)

    {

        printf("%d \n",i);

        i=i-2;

    }

    return 0;

}

// 8. Write a program to print squares of the first 10 natural numbers

#include<stdio.h>

int main()

{

    int i;

    for (i=1; i<=10; i++)

    {

        printf("%d \n",i\*i);

    }

    return 0;

}

// 9. Write a program to print cubes of the first 10 natural numbers

#include<stdio.h>

int main()

{

    int i;

    for(i=1; i<=10; i++)

    {

        printf("%d \n",i\*i\*i);

    }

    return 0;

}

// 10. Write a program to print a table of 5.

#include<stdio.h>

int main()

{

    int i,  y;

    // printf("eneter a table no \n");

    // scanf("%d",&x);

    for(i=1; i<=10; i++)

    {

        y=5\*i;

        printf(" %d \n",y);

    }

    return 0;

}