Assignment 10 C Language Live Community Classes

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

#include <stdio.h>

int main(){

int i = 0, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (i < n){

printf("MySirG \n");

i++;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of 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.

#include <stdio.h>

int main(){

int n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (n > 0){

printf("%d \n", n);

n--;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (i <= n){

printf("%d \n", 2\*i);

i++;

}

return 0;

}

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

#include <stdio.h>

int main(){

int n;

printf("Enter n : ");

scanf("%d", &n);

while (n > 0){

printf("%d \n",2\*n);

n--;

}

return 0;

}

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

#include <stdio.h>

int main(){

int n, i = 1;

printf("Enter the value of n: ");

scanf("%d", &n);

while (i <= n){

printf("%d \n", 2\*i-1);

i++;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (i <= n){

printf("The square of %d is %d. \n", i, i\*i);

i++;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (i <= n){

printf("The cube of %d is %d. \n", i, i\*i\*i);

i++;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (n >= i ){

printf("The square of %d is %d. \n", n, n\*n);

n--;

}

return 0;

}

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

#include <stdio.h>

int main(){

int i = 1, n;

printf("Enter the value of n : ");

scanf("%d", &n);

while (n >= i ){

printf("The cube of %d is %d. \n", n, n\*n\*n);

n--;

}

return 0;

}